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GLOBAL CLIMATIC DATA FOR SURFACE,  
800 MB, 400 MB: OCTOBER

C. Schutz, et al

RAND Corporation

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10. ABSTRACT Fourth in a series of seasonal climatic summaries, this report presents data on the primary climatic variables for the month of October. The global distributions of pressure, temperature, wind, and moisture were taken from a variety of climatological sources and formats, and reworked to show conditions at the surface, at 800 mb, and 400 mb. Also presented are the global distributions of cloudiness, planetary and surface albedo, long-wave radiation, evaporation, precipitation, and selected elements of the surface heat balance. Information is presented on a global grid of 4 deg latitude by 5 deg longitude, in the form of tables and machine-produced maps. Corresponding zonal and global averages are given. The pattern follows that of R-915 for January, R-1029 for July and R-1317 for April.		11. KEY WORDS CLIMATE METEOROLOGY ATMOSPHERE	

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# Global Climatic Data for Surface, 800MB, 400MB: October

C. Schutz and W. L. Gates

A Report prepared for  
DEFENSE ADVANCED RESEARCH PROJECTS AGENCY



ii

PREFACE

An important part of the Rand/ARPA research program on the dynamics of climate is the evaluation of the accuracy of simulations of the global climate given by numerical solutions of models of the general atmospheric circulation. To perform this evaluation systematically requires a knowledge of the global distributions of the primary climatic variables of pressure, temperature, humidity, wind, and precipitation, together with the associated distributions of global radiation elements and hydrologic balances. Such data are not readily available, and even those that are obtainable are usually in a variety of forms and not immediately comparable with other climatic data.

The data presented in this report follow the pattern of previous reports (Schutz and Gates, 1971, 1972, 1973). For October the sea-surface temperature, planetary albedo, and outgoing long-wave radiation data have been updated. Using the latest available data is in keeping with our objective of gathering in one place and in one format the most representative global climatologies of selected seasonal meteorological variables. Planned supplements for the January and July data already published will include the new acquisitions that now appear in the April and October reports.



SUMMARY

The October global distributions of pressure, temperature, wind, and moisture have been taken from a variety of climatological sources and formats, for reconstruction at the surface, 800 mb, and 400 mb to facilitate comparison with integrations from the Mintz-Arakawa two-level model. These data are supplemented by presentations of the global distributions of cloudiness, planetary and surface albedo, long-wave radiation, evaporation, precipitation, and selected elements of the surface heat balance. All data are presented on a global grid of 4° latitude by 5° longitude, in the form of both tabulated values and machine-analyzed maps. The corresponding zonal and global averages are also given.

ACKNOWLEDGMENTS

Sincere appreciation is extended to those at the National Climatic Center of the National Oceanic and Atmospheric Administration (NOAA), the National Center for Atmospheric Research (NCAR), and the Environmental Technical Applications Center (ETAC) of the Air Force who cooperated in making available magnetic tapes of surface and upper-air data for this analysis.

Thanks are also extended to several Rand colleagues for their valuable assistance: R. C. Alexander for his efforts in developing the data on sea-surface temperature and ice limits at high latitudes; L. D. Bregman for completing the arduous task of extracting the basic grid-point data from numerous and varied global climatic charts; and R. L. Mobley and A. B. Nelson for reducing these data to the desired format and supervising the machine tabulations.

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## 1. INTRODUCTION

The data presented in this report describe the global distributions of the primary climatic elements of pressure, temperature, wind, and moisture, together with the surface and planetary albedo, the long-wave radiation, and a number of components of the surface heat and water balances for October. Gathered for use in evaluating the climate as simulated with numerical general-circulation models, these data may also be useful as a climatic summary in their own right.

A primary purpose of the present compilation is to present the observed October distribution of those meteorological variables simulated by the two-level Mintz-Arakawa atmospheric model (Mintz, 1968; Gates, et al., 1971). This model simulates the wind, temperature, and geopotential at two tropospheric levels--which for our purposes may be regarded as the 800-mb and 400-mb levels--and the moisture at the lower (800-mb) level. At the earth's surface, the model simulates the pressure, the air temperature, and the ground temperature, together with the net radiation flux, the latent heat flux associated with surface evaporation, and the surface flux of sensible heat. The model also simulates elements of the hydrologic balance, including cloudiness, precipitation, and ground wetness. The ocean temperature and surface albedo are boundary conditions to the model.

A search of the literature produced those climatic variables available at the surface, at 800 mb, and at 400 mb summarized in Table 1.1, which also gives the report's sources of information, maximum period of record, maps, and data tabulations. In most cases, the 800-mb and 400-mb data had to be interpolated at the 4° latitude, 5° longitude grid of the Mintz-Arakawa model for unsmoothed, taped data in NAVAIR publications, whereas most of the surface data were visually interpolated from analyses published in climatic atlases.

The figures in Sec. 3 give global analyses of the selected variables; the tabulation of Sec. 5, the associated grid-point data. Exceptions are the observed clouds and winds, for which only northern-hemisphere data are presently available in adequate quantity. Geostrophic wind

and satellite cloud analyses are included, however, for both the northern and southern hemispheres--in an effort to present at least an approximation to the global wind and cloud pattern for October.

For each of the data distributions shown in Sec. 3, the corresponding distribution of the zonal averages is given in Sec. 4, along with the global average value. Further details of the data selection and processing are given in Sec. 2. The asterisk (\*) in the grid-point data tabulations (Sec. 5) denotes missing data. These regions correspond to the blank or "no data" areas on the analyzed maps and zonal averages of Secs. 3 and 4. In the sea-surface temperature data in Secs. 3 and 5, the letter "I" is used to denote the locations of sea ice.

Table 1.1  
IDENTIFICATION OF SELECTED CLIMATIC VARIABLES FOR APRIL

Data or Variable	Unit	Source	Maximum Record Period	Surface	Lev <sub>21</sub> <sup>a</sup> 800 mb	400 mb
Sea-level pressure	mb	(1) Crutcher and Meserve (1970) (2) Taljaard, et al. (1969)	1931-1960 1929-1967	14,44,74-77		
Temperature (air)	deg C	(1) Crutcher and Meserve (1970) (2) Taljaard, et al. (1969)	1931-1960 1929-1967	15,45,78-81	30,60,138-141	37,67,166-169
Temperature (sea surface)	deg C	Alexander and Mobley (1973)	Various	16,46,82-85		
Geopotential height	10 <sup>2</sup> m	(1) Crutcher and Meserve (1970) (2) Taljaard, et al. (1969)	1950-1964 1948-1966		31,61,142-145	38,68,170-173
Relative humidity	Percent	(1) Crutcher and Meserve (1970) (2) Taljaard, et al. (1969)	1931-1960 1929-1967	17,47,86-89	32,62,146-149	
Cloudiness	Tenths	(1) Environmental Technical Applications Center (1971) (2) Miller et al. (1970; 1971) Miller (1970)	1963-1968 1967-1970	18,48,90-93 19,49,94-97		
Precipitation Annual	mm day <sup>-1</sup>	Lovitch and Ovchinnikov (1964) Moller (1951)	1950-1956 (?) Various	20,50,98-101 21,51,102-105		
Evaporation	mm day <sup>-1</sup>	Budyko (1963)	1955-1960 (?)	22,52,106-109		
Albedo Surface	Fractions	Posey and Clapp (1964) Vonder Haar (1972)	Various (1962-1970)	23,53,110-113 24,54,114-117		
Planetary (m-A-m)	Fractions	Vonder Haar (1972)	(1962-1970)	25,55,118-121		
Long-wave radiation (m-A-m)	10 <sup>2</sup> ly day <sup>-1</sup>	Budyko (1963)	1955-1960 (?)	26,56,122-125		
Solar radiation received at surface	10 <sup>2</sup> ly day <sup>-1</sup>	Budyko (1963)	1955-1960 (?)	27,57,126-129		
Surface radiation balance	10 <sup>2</sup> ly day <sup>-1</sup>	Budyko (1963)	1955-1960 (?)	28,58,130-133		
Surface sensible heat flux	10 <sup>2</sup> ly day <sup>-1</sup>	Based on Budyko (1963)	1955-1960 (?)	29,59,134-137		
Total heat balance	10 <sup>2</sup> ly day <sup>-1</sup>	Crutcher (1961)	1948-1953		33,63,150-153	39,69,174-177
Wind (east-west)	m sec <sup>-1</sup>	Crutcher (1961)	1948-1953		34,64,154-157	40,70,178-181
Wind (north-south)	m sec <sup>-1</sup>	(1) Crutcher and Meserve (1970) (2) Taljaard, et al. (1969)	1931-1960 1929-1967		35,65,158-161	41,71,182-185
Geostrophic wind (east-west)	m sec <sup>-1</sup>	(1) Crutcher and Meserve (1970) (2) Taljaard, et al. (1969)	1931-1960 1929-1967		36,66,162-165	42,72,186-189
Geostrophic wind (north-south)	m sec <sup>-1</sup>	(1) Crutcher and Meserve (1970) (2) Taljaard, et al. (1969)	1931-1960 1929-1967			

<sup>a</sup>The numbers in each of these three columns are the page numbers of the global map analyses, the zonally averaged data, and the global data tabulations, respectively.

## 2. DATA SELECTION AND PROCESSING

This section briefly describes the processing or manipulation of each primary source of the October mean data identified in Table 1.1. After a careful review of all known sources of pertinent data, we concluded that the sources used here represent the best collection of "global" data presently available, at least for the purpose of comparison with the model's global simulations. The observational content, special processing, and limitations of these data (including various record lengths) are discussed further in the data publications themselves. Although the present discussion refers primarily to the data of Figs. 3.1 through 3.24, it also applies to the corresponding zonally averaged data of Figs. 4.1 through 4.24, as well as to the supporting grid-point data presented in Tables 5.1 through 5.24.

### SURFACE DATA

The surface and sea-level pressure, temperature, and relative humidity shown in Secs. 3, 4, and 5 are based on unsmoothed data for the October averages for the northern and southern hemispheres. These data were taped from two previous publications: NAVAIR 50-1C-52 (Crutcher and Meserve, 1970) and NAVAIR 50-1C-55 (Taljaard, et al., 1969). A linear interpolation was applied to the 5°-latitude tabulated data to generate data for every 4° of latitude, beginning at the poles; the presentation of the 5°-longitude data was left intact.

### Pressure, Temperature, and Relative Humidity

The sea-level pressure (Fig. 3.1), the surface air temperature (Fig. 3.2), and the surface dew-point temperature were taken from the foregoing sources. The dew point was then converted to relative humidity (RH) (Fig. 3.4) by the formula

$$RH = \frac{e^A(p - 6.11 \text{ mb } e^B)}{e^B(p - 6.11 \text{ mb } e^A)}, \quad (1)$$



where  $p$  is the (total) air pressure (in mb) and the parameters  $A$  and  $B$  are given by

$$A = 17.269 T_d (T_d + 237.3 \text{ deg C})^{-1} \quad (2)$$

$$B = 17.269 T (T + 237.3 \text{ deg C})^{-1} \quad (3)$$

with  $T_d$  the dew-point temperature (in deg C) and  $T$  the air temperature (in deg C). The resulting distribution of relative humidity at the surface is shown in Fig. 3.4.

#### Sea-Surface Temperature

Figure 3.3 shows the global distribution of average October sea-surface temperatures. The distribution is a composite of the October normals obtained from the National Center for Atmospheric Research (Washington and Thiel, 1970) and from the Fleet Numerical Weather Central in Monterey (northern hemisphere only). The grid elements containing more than 50 percent of sea ice are denoted by "I" in Fig. 3.3. This convention introduces a bias toward more severe ice conditions. (For example, if 60 percent of an area contains ice of 60-percent concentration, only 36 percent of the area is actually covered by ice.) This practice may partly compensate for the usual bias in the data toward calm, warm weather and ice-free conditions when ships can operate. These data on the  $4^\circ$ -latitude,  $5^\circ$ -longitude grid were taken from the appropriate points (without smoothing) of the global  $1^\circ$  tabulation being prepared by Alexander and Motley (1973). These authors also give details on interpolation, merging of data sets, and treatment of ice limits.

#### Cloudiness

The distribution of total cloud cover shown in Fig. 3.5A was constructed from the digitized representation of both satellite and conventional observations compiled by the Global Weather Central for the Environmental Technical Applications Center (1971). These data were collected at 0000Z and 1200Z, and were compiled for this presentation in terms of the total cloud cover  $C$  from the formula



$$C = \sum_{N=0}^8 \frac{C_{00,N} + C_{12,N}}{2} \frac{N}{8}, \quad (4)$$

where  $C_{00,N}$  and  $C_{12,N}$  are the percentages of the 00Z and 12Z observations that have N-eighths cloud cover. These digitized cloud data appear on the GWC (Global Weather Central) grid. This is a square grid with octagonal boundaries superimposed on a polar stereographic projection, with a southern boundary at approximately 15°N. Equations from Murray (1962) were used to transform the latitude and longitude of each of the 46 × 72 points of the present grid to the coordinates in the GWC grid, followed by a bilinear interpolation using the four nearest GWC grid values.

Since the northern-hemisphere data of Fig. 3.5A contain all modern cloud observations, during both day and night hours, they are considered the best available representation of northern-hemisphere total cloud cover. In an effort to obtain global coverage, however, Fig. 3.5B was constructed from a digitized representation of the sun-oriented TIROS data of Miller (1970) and Miller, et al. (1970; 1971). These computer-rectified data give the mean daytime cloudiness at approximately 1400 local sun time. Since they compare favorably with the gross features in Fig. 3.5A associated with storm tracks, anticyclones, and the inter-tropical convergence zone, they are presented as an extension of these data into the southern hemisphere. At present, satellite observations do not discriminate effectively between clouds and highly reflective ground surfaces such as ice, snow, and desert. The Miller data therefore contain systematic errors when interpreted in terms of cloud cover. Nevertheless, they probably represent the best cloud-cover data now available for the southern hemisphere, where land effects are much less.

### Precipitation

The global distribution of the *annual* precipitation shown in Fig. 3.6A, based on the work of Lvovitch and Ovtchinnikov (1964), remains a valuable source of information. It may provide a direct comparison with the September-October-November distribution or prove

useful in future research in conjunction with Jacobs' (1968) seasonal (quarterly) apportionment of precipitation (Table 2.1) over the oceans.

The September-October-November distribution of global precipitation shown in Fig. 3.6B was obtained from visual interpolation of Möller's (1951) seasonal analysis to a 5° latitude, 5° longitude grid, followed by linear interpolation to the points of the present grid. Although Möller performed some empirical partitioning of the observed annual precipitation similar to that done by Jacobs (1968), these distributions are apparently the only global seasonal ones available.

#### Evaporation

The October mean surface evaporation shown in Fig. 3.7 was drawn from data interpolated from those of Budyko (1963). There are very few isopleths over the land in the northern hemisphere, since evaporation is generally less than 1.0 mm per day. The rapid increase of evaporation over the oceans, however, produces a packing of the isopleths, especially along the eastern coasts of the continents. In mountainous areas in both hemispheres, the evaporation isopleths are interrupted by a lack of data.

#### Albedo

The October mean *surface* albedo values shown in Fig. 3.8A were transcribed directly onto the 4° latitude, 5° longitude grid from the data of Posey and Clapp (1964). These data show the measured April albedo for various types and amounts of ground cover, and include the latitudinal variations of solar angle over the oceans.

The September-October-November mean *planetary* (world) albedo values shown in Fig. 3.8B were summarized from satellite data during the periods including September-October-November 1963 and 1964, October 1965, and October 3-17, 1969. These data, the most up-to-date available, were reduced at Colorado State University into seasonal global maps as discussed by Vonder Haar (1972). They were transcribed directly onto the 4° latitude, 5° longitude grid for this report.

Table 2.1

SEASONAL APPORTIONMENT OF PRECIPITATION PER SEASON BY 10° LATITUDE ZONES  
(Percent)

Latitude	Atlantic Ocean				Pacific Ocean				Indian Ocean			
	Dec. Jan. Feb.	March April May	June July Aug.	Sept. Oct. Nov.	Dec. Jan. Feb.	March April May	June July Aug.	Sept. Oct. Nov.	Dec. Jan. Feb.	March April May	June July Aug.	Sept. Oct. Nov.
50°-60°N	28	23	21	28	20	22	25	33	--	--	--	--
40°-50°N	31	23	20	26	25	24	23	28	--	--	--	--
30°-40°N	33	26	16	25	31	27	21	21	--	--	--	--
20°-30°N	27	20	22	31	29	24	25	22	13	6	57	24
10°-20°N	25	15	31	29	18	19	32	31	10	12	46	32
0°-10°N	22	25	29	24	24	24	27	25	22	20	28	30
0°-10°S	28	38	17	17	33	23	26	18	27	22	25	26
10°-20°S	22	22	36	20	32	22	23	23	30	27	25	18
20°-30°S	23	28	23	26	24	27	27	22	24	31	30	15
30°-40°S	18	25	33	24	18	26	32	24	17	25	34	24
40°-50°S	20	26	30	24	22	26	28	24	22	26	28	24
50°-60°S	26	28	26	20	24	29	22	25	--	--	--	--

SOURCE: W. C. Jacobs (1968).

### Radiation and Heat Balance

The September-October-November outgoing long-wave radiation data shown in Fig. 3.8C were also interpolated directly onto the 4° latitude, 5° longitude grid from the data of Vonder Haar (1972). These measurements cover the same periods as do the planetary albedo data.

The October solar radiation received at the earth's surface shown in Fig. 3.8D was interpolated onto the 4° latitude, 5° longitude grid from the data of Budyko (1963). The breaks in the isopleths over land are caused by mountainous areas for which no radiation data were available.

The October surface radiation balance shown in Fig. 3.9 and the surface sensible heat flux shown in Fig. 3.10 are also based on interpolations from the data of Budyko (1963), and, like Fig. 3.8B, show a lack of data in mountainous and polar regions. The distribution of the October surface heat balance shown in Fig. 3.11 was constructed by subtracting the interpolated data for the surface sensible heat flux (Fig. 3.10), and that for the distribution of the heat lost by surface evaporation (proportional to the data of Fig. 3.7) from the data for the surface radiation balance (Fig. 3.9). This latter quantity is itself the excess of the solar radiation absorbed at the surface over the net long-wave radiation lost by the surface.

### UPPER-AIR DATA

#### Temperature and Relative Humidity

The values for the free-air temperature and the dew point represent unsmoothed information drawn from data used in the two NAVAIR publications by Crutcher and Meserve (1970) and Taljaard, et al. (1969) mentioned above. Specifically, the October mean temperature at 800 mb, shown in Fig. 3.12, was computed by linear interpolation from the data for 850 mb and 700 mb. The 400-mb October temperature distribution shown in Fig. 3.19 was constructed by a similar interpolation between the data at 500 mb and 300 mb. The resulting 800-mb and 400-mb data were then interpolated horizontally to the 4° latitude, 5° longitude grid.

The relative-humidity distribution for 800 mb shown in Fig. 3.14 was computed from the dew point and pressure according to Eqs. (1) through (3), where the 800-mb dew point was itself found from linear interpolation between the taped dew-point data for 850 mb and 700 mb.

### Height

The heights for the 800-mb and 400-mb surfaces shown in Figs. 3.13 and 3.20, respectively, were found from the heights of the 850-mb and 500-mb surfaces, respectively, as well as from the values of the temperature at 850 mb, 700 mb, 500 mb, and 300 mb, as shown below. If  $\bar{T}$  is an average temperature, the height of an isobaric surface  $z$  relative to that at a reference surface  $z_0$  may be written from an integration of the hydrostatic equation as

$$z - z_0 = \frac{R\bar{T}}{g} \ln (p_0/p) , \quad (5)$$

where  $R$  is the gas constant,  $g$  the acceleration of gravity, and  $p_0$  the reference isobaric surface. Selecting 850 mb and 500 mb as reference surfaces, we then have for the 800-mb and 400-mb heights the relation

$$z_{800} = z_{850} + 1.480 \text{ m deg}^{-1} T_{850} + 0.296 \text{ m deg}^{-1} T_{700} + 484.9 \text{ m} \quad (6)$$

and

$$z_{400} = z_{500} + 4.843 \text{ m deg}^{-1} T_{500} + 1.695 \text{ m deg}^{-1} T_{300} + 1784.9 \text{ m} . \quad (7)$$

Here the subscripts denote evaluation at pressure surfaces and the temperatures are in degrees Centigrade (with the last terms representing the conversion to degrees Kelvin as in Eq. (5)). Specifically, the mean temperature between 850 mb and 800 mb has been written as

$$\left( \frac{5}{6} T_{850} + \frac{1}{6} T_{700} \right) ;$$

and the mean temperature between 500 mb and 400 mb as

$$\left( \frac{3}{4} T_{500} + \frac{1}{4} T_{300} \right),$$

corresponding to the assumption of a temperature distribution linear in pressure between 850 mb and 700 mb and between 500 mb and 300 mb, respectively.

#### Winds

The distribution of the observed winds at 800 mb and 400 mb shown in Figs. 3.15, 3.16, 3.21, and 3.22 were obtained by interpolation from the data published by Crutcher (1961) in the form of September-October-November mean cross sections at every 10° longitude, with subsequent linear interpolation to the present grid. These data are given for the northern hemisphere only, in view of the scarcity of even seasonally averaged wind data in the southern hemisphere. To alleviate this absence of data, the average October geostrophic winds at both 800 mb and 400 mb were computed for the globe from the data of Crutcher and Meserve (1970) and Taljaard, et al. (1969), and are shown in Figs. 3.17, 3.18, 3.23, and 3.24. Note that the observed and geostrophic winds agree well in the northern hemisphere at both the 800-mb and 400-mb levels.

The wind in the Mintz-Arakawa model is computed on a "u,v grid" whose points are centered within the primary or pressure grid used for the other calculations. Values at the u,v grid points were found through a bilinear interpolation of the source data, so that the first value falls at 88°N, 177.5°W, rather than at 90°N, 180°W. Because of this staggered wind grid, the maps of the zonal and meridional wind components should be offset 2 deg south and 2.5 deg east of the indicated grid. The latitude marked 90°N thus indicates 88°N in Figs. 3.15 through 3.18, 3.21 through 3.24, 4.15 through 4.18, and 4.21 through 4.24; no wind is defined at the latitude marked 90°S.

3. GLOBAL ANALYSES



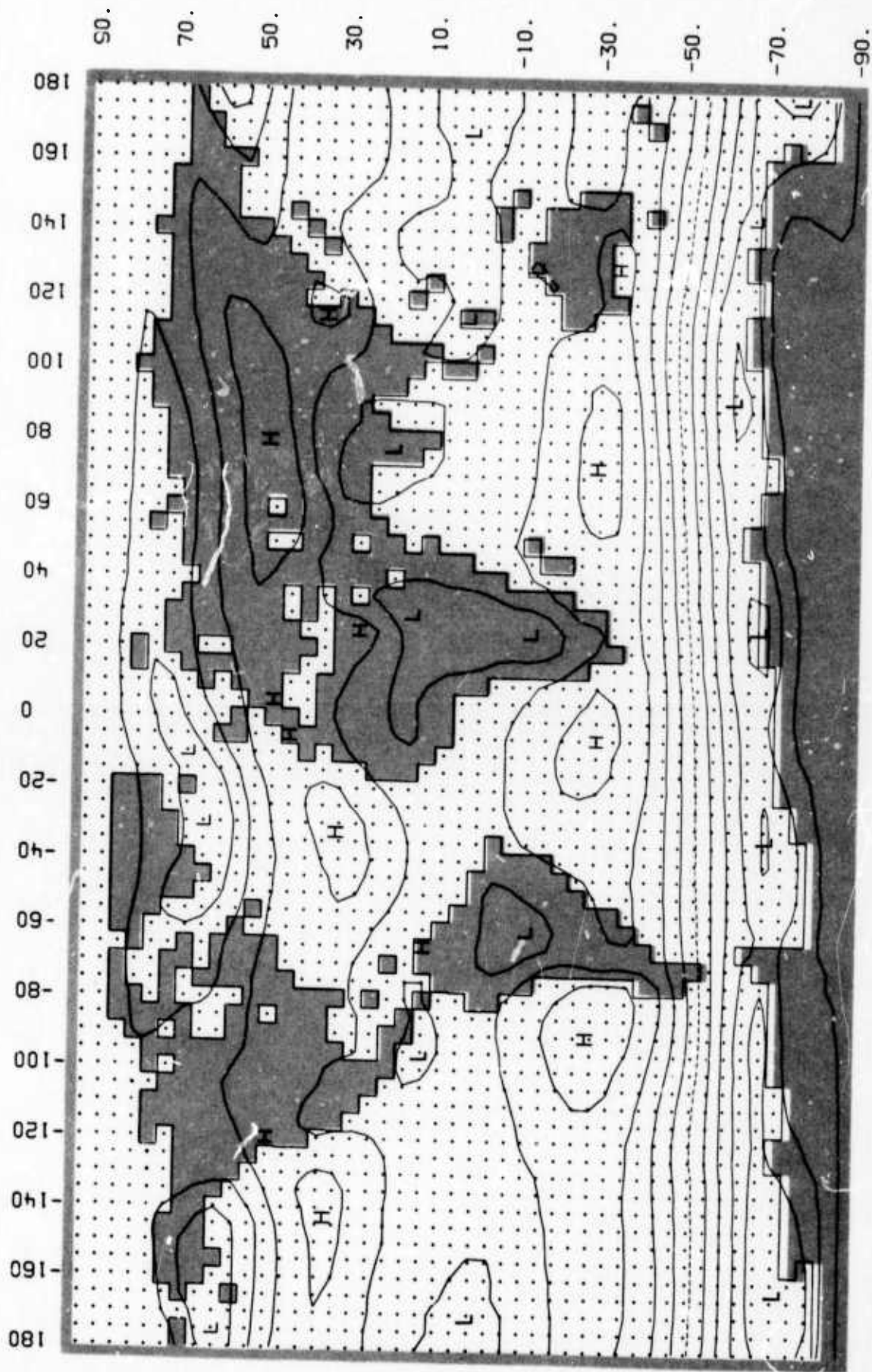


Fig. 3.1--October mean sea-level pressure in mb. The analysis interval is 5 mb and the 1000 mb isobar is dashed. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).



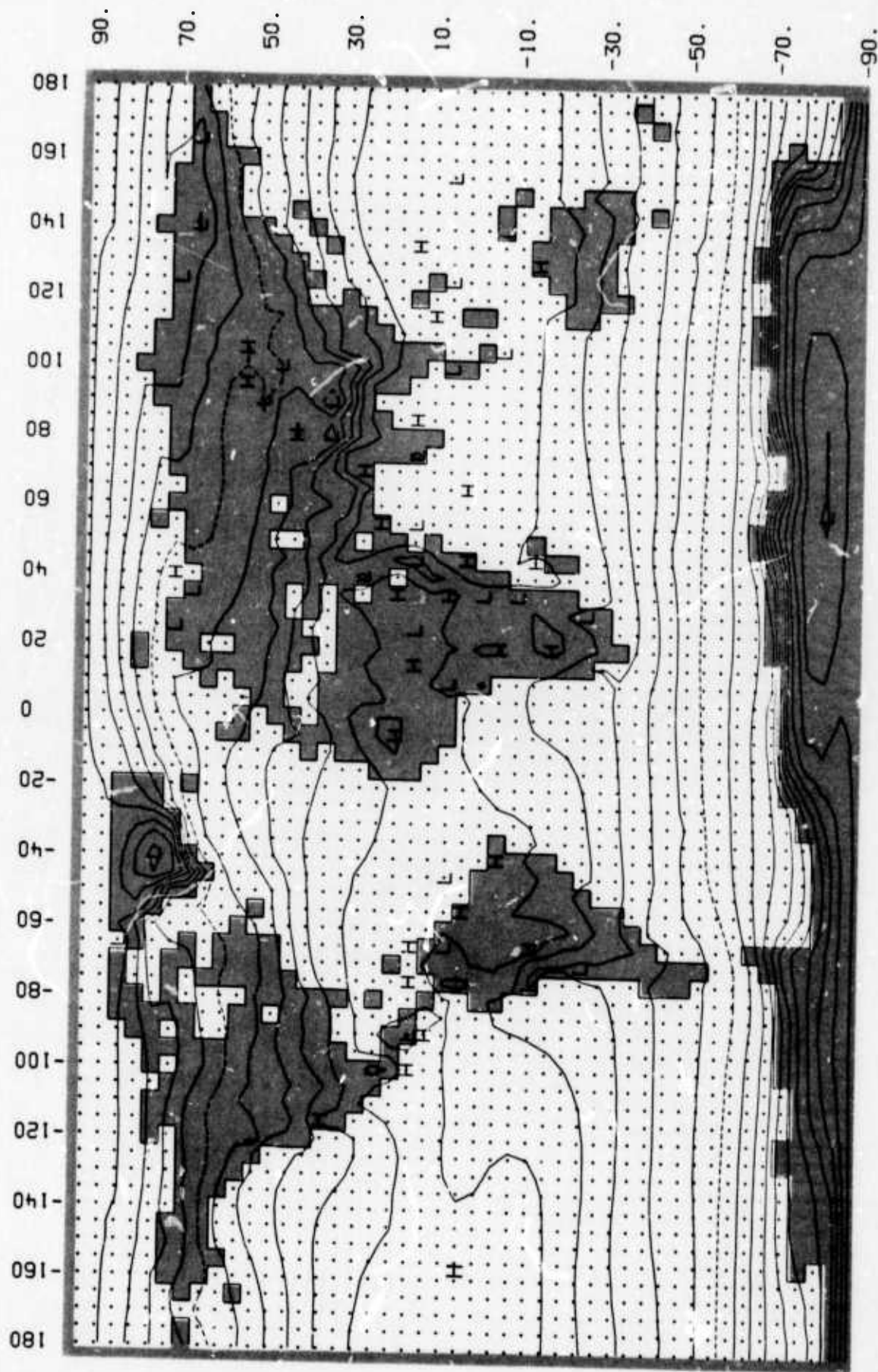


Fig. 3.2--October mean surface air temperature in deg C. The analysis interval is 5 deg and the 0 deg C isotherm is dashed. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).

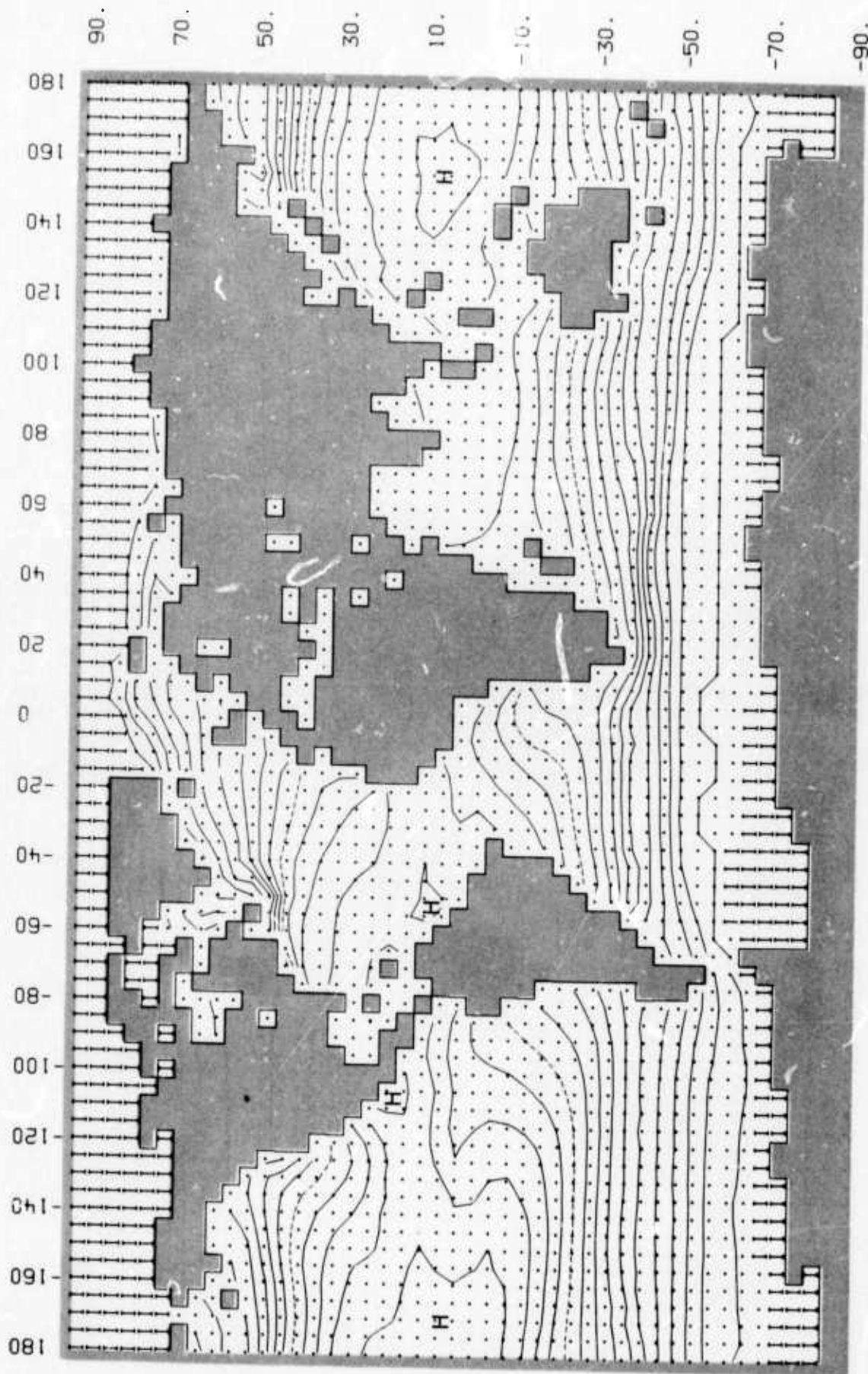


Fig. 3.3--October mean sea-surface temperature in deg C. The analysis interval is 2 deg and the 20 deg C isotherm is dashed. "I" denotes grid elements with sea ice. Interpolated from a composite of normals formed in Alexander and Mobley (1973).

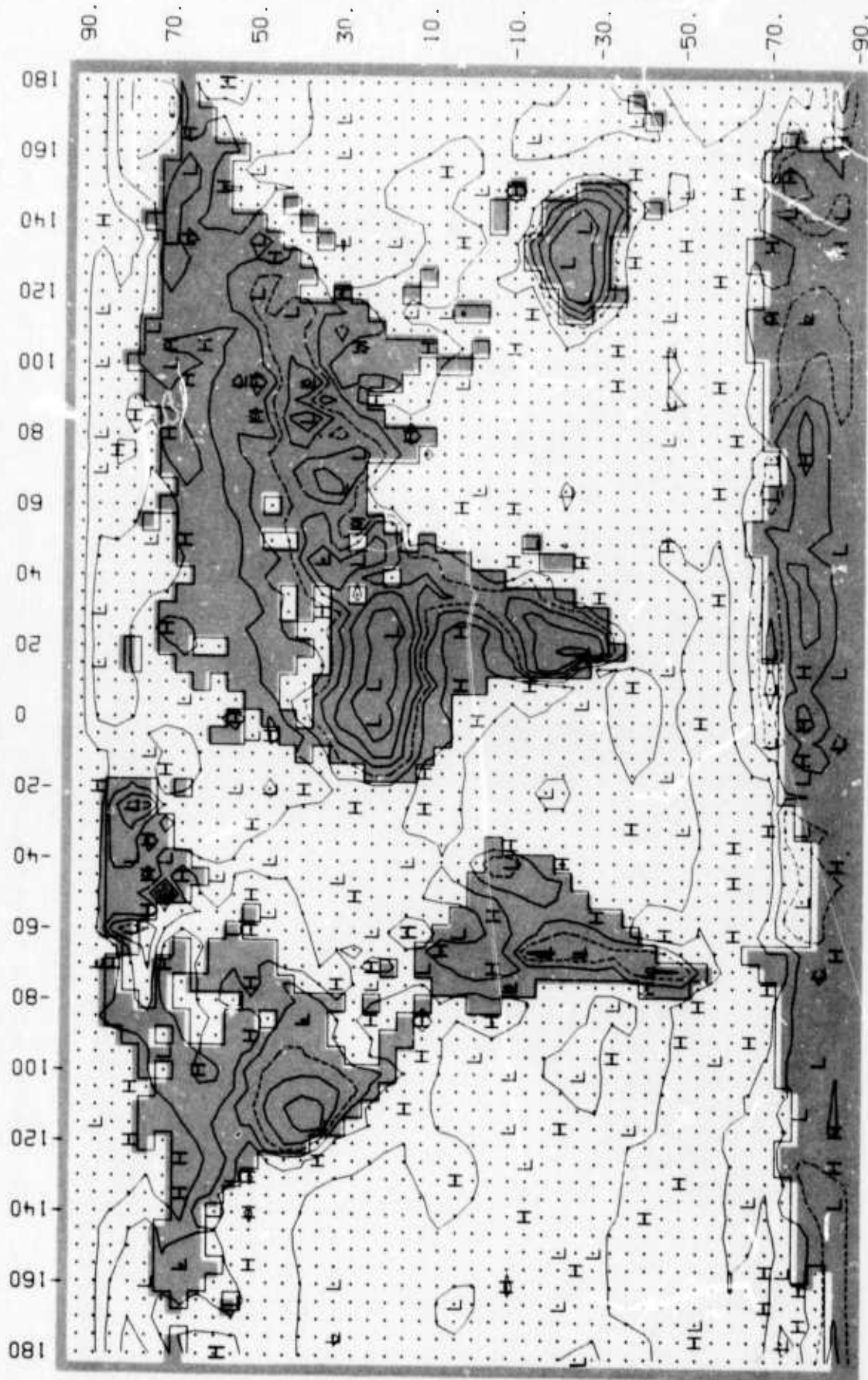


Fig. 3.4--October mean surface relative humidity in percent. The analysis interval is 10 percent and the 60 percent isohum is dashed. Computed from dew point data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).



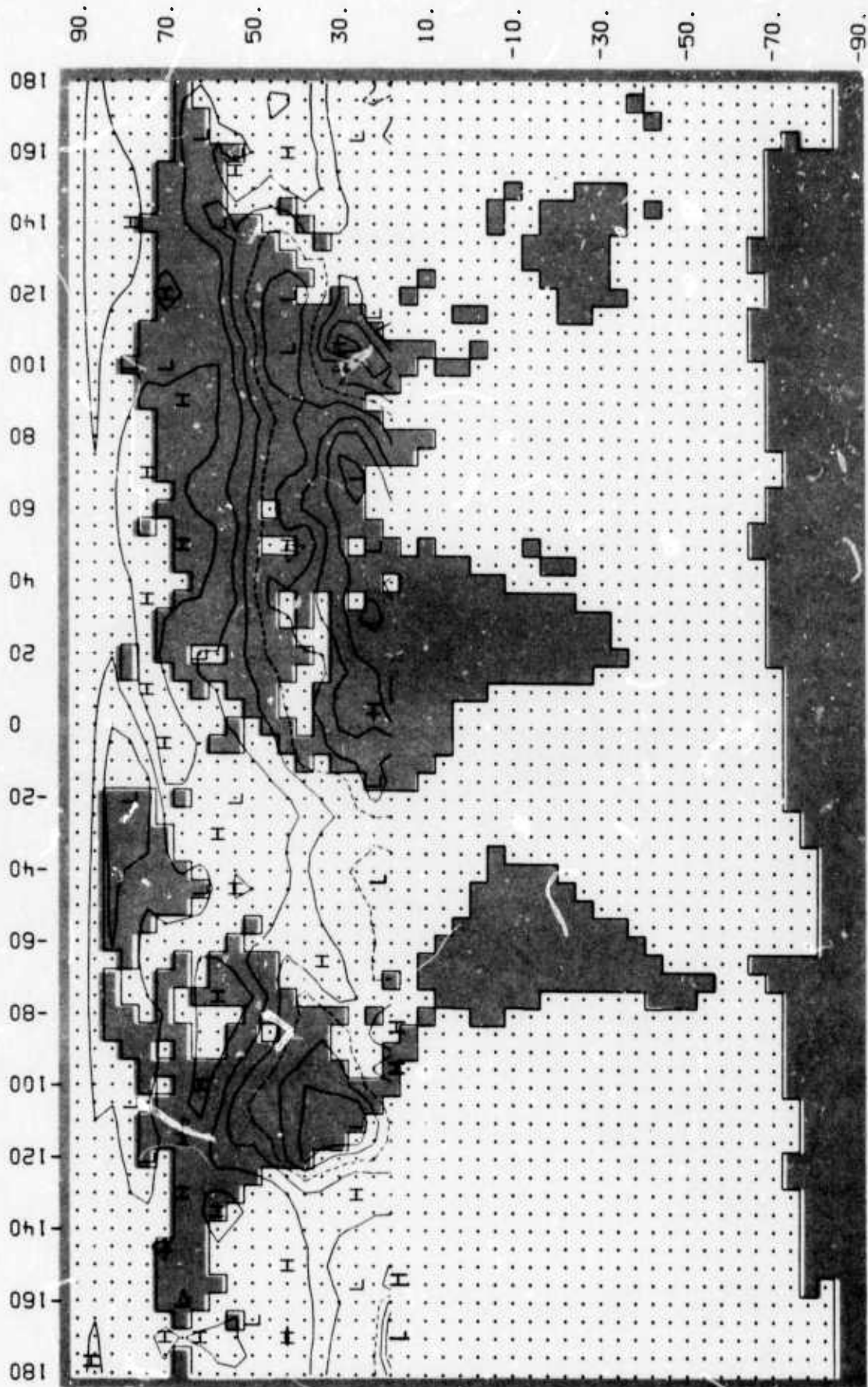


Fig. 3.5A--October mean northern hemisphere total cloud cover in tenths of the sky covered. The analysis interval is 0.1 and the 0.5 isoline is dashed. Prepared from data from the Environmental Technical Applications Center (1971).

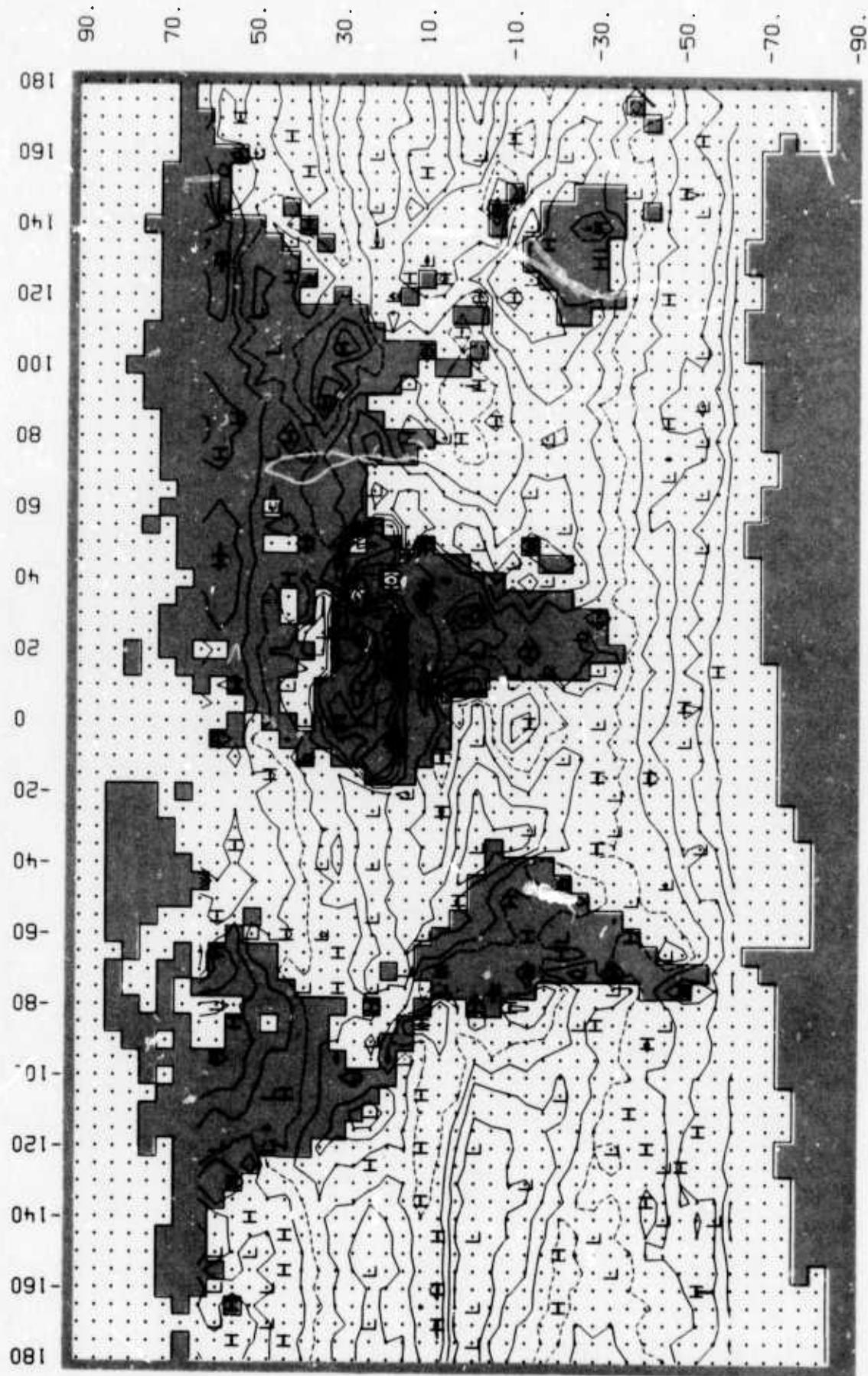


Fig. 3.5B--October mean global total cloud cover in tenths of the sky covered. The analysis interval is 0.1 and the 0.5 isoline is dashed. Reduced from data of Miller, et al. (1970 and 1971).

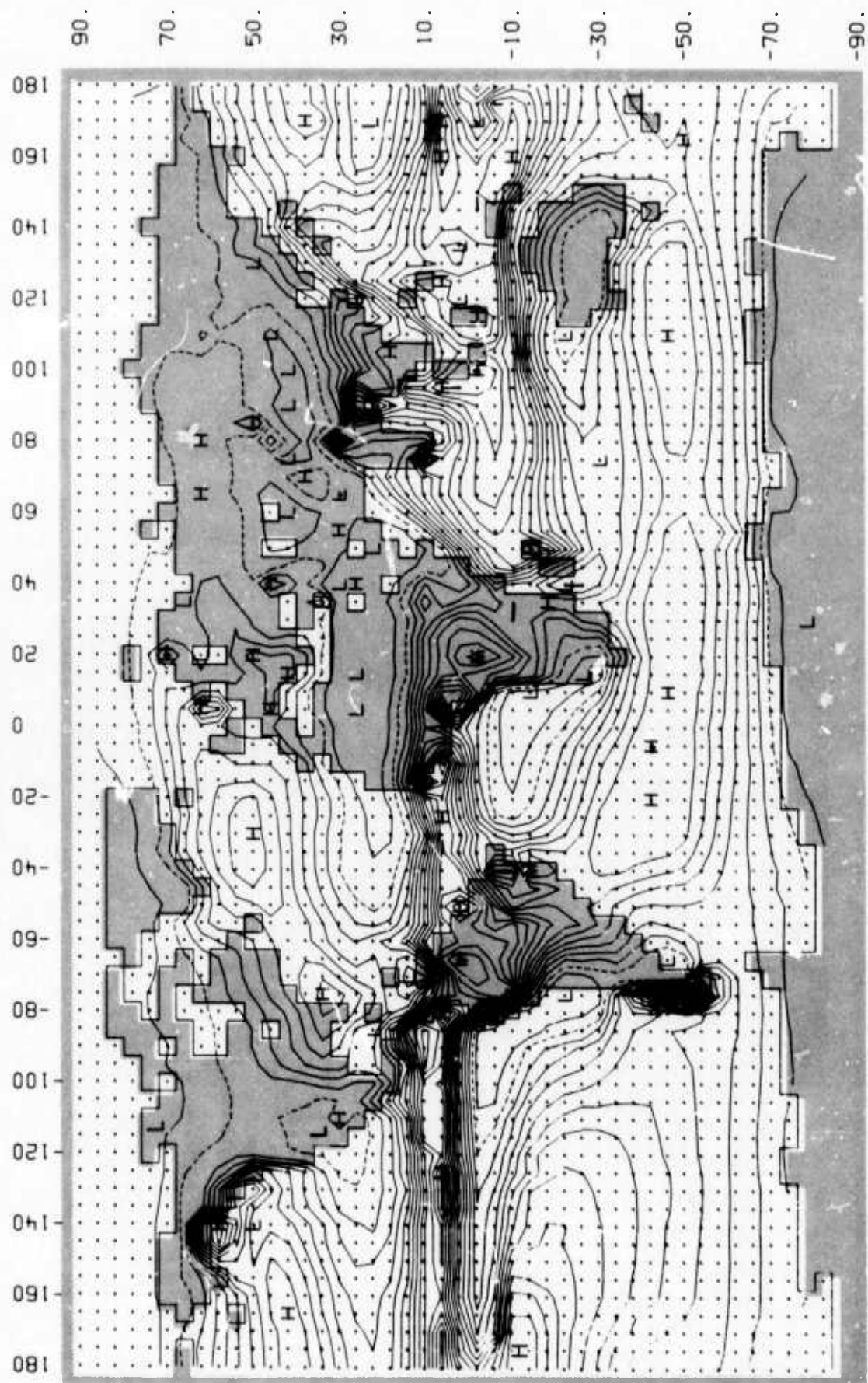


Fig. 3.6A--Mean annual precipitation in mm/day. The analysis interval is 0.5 mm and the 1.0 mm isoline is dashed. Data from Lvovitch and Ovtchinnikov (1964).



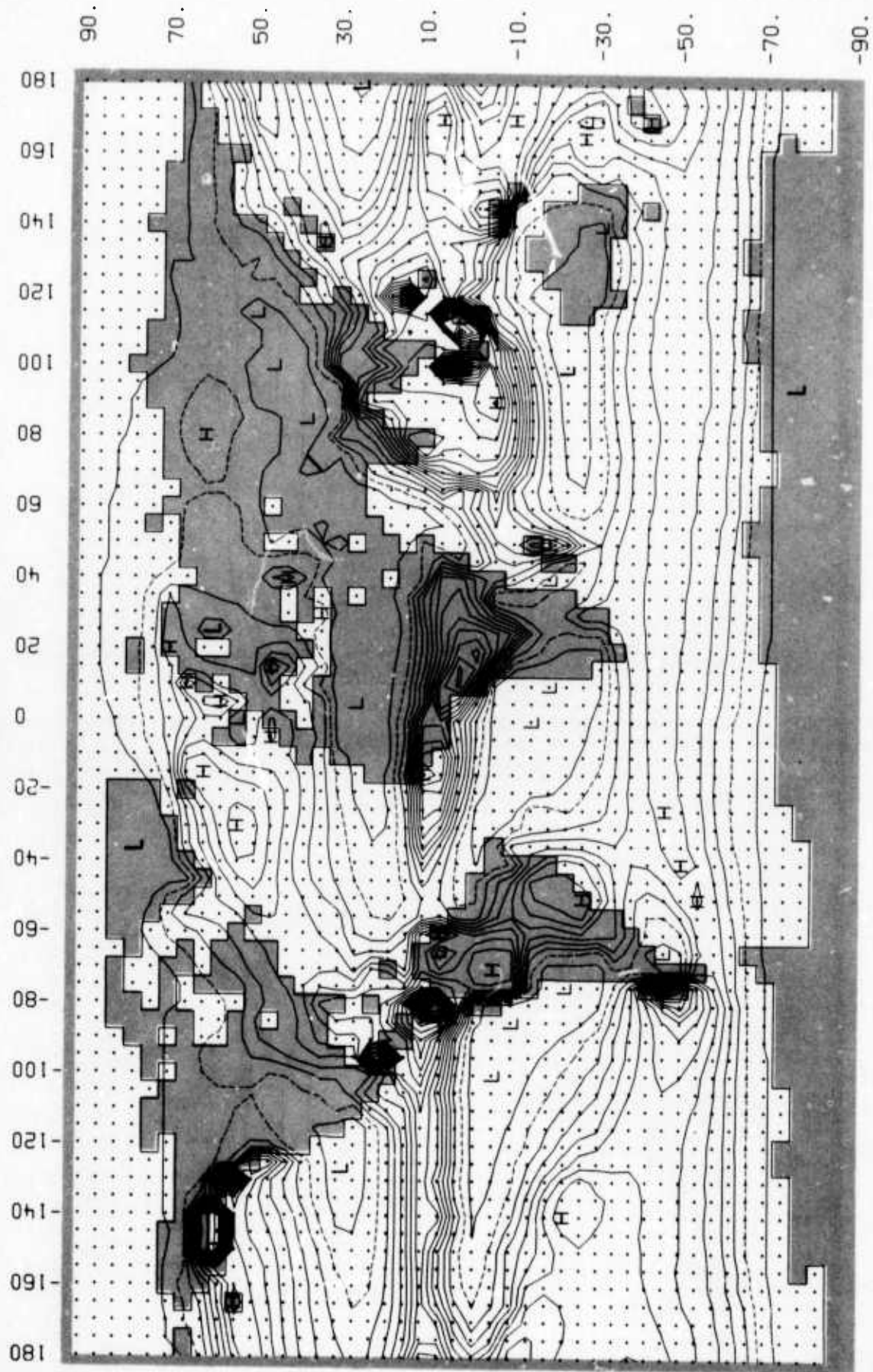


Fig. 3.6B--September-October-November mean precipitation in mm/day. The analysis interval is 0.5 mm and the 1.0 mm isoline is dashed. Data are from Möller (1951).

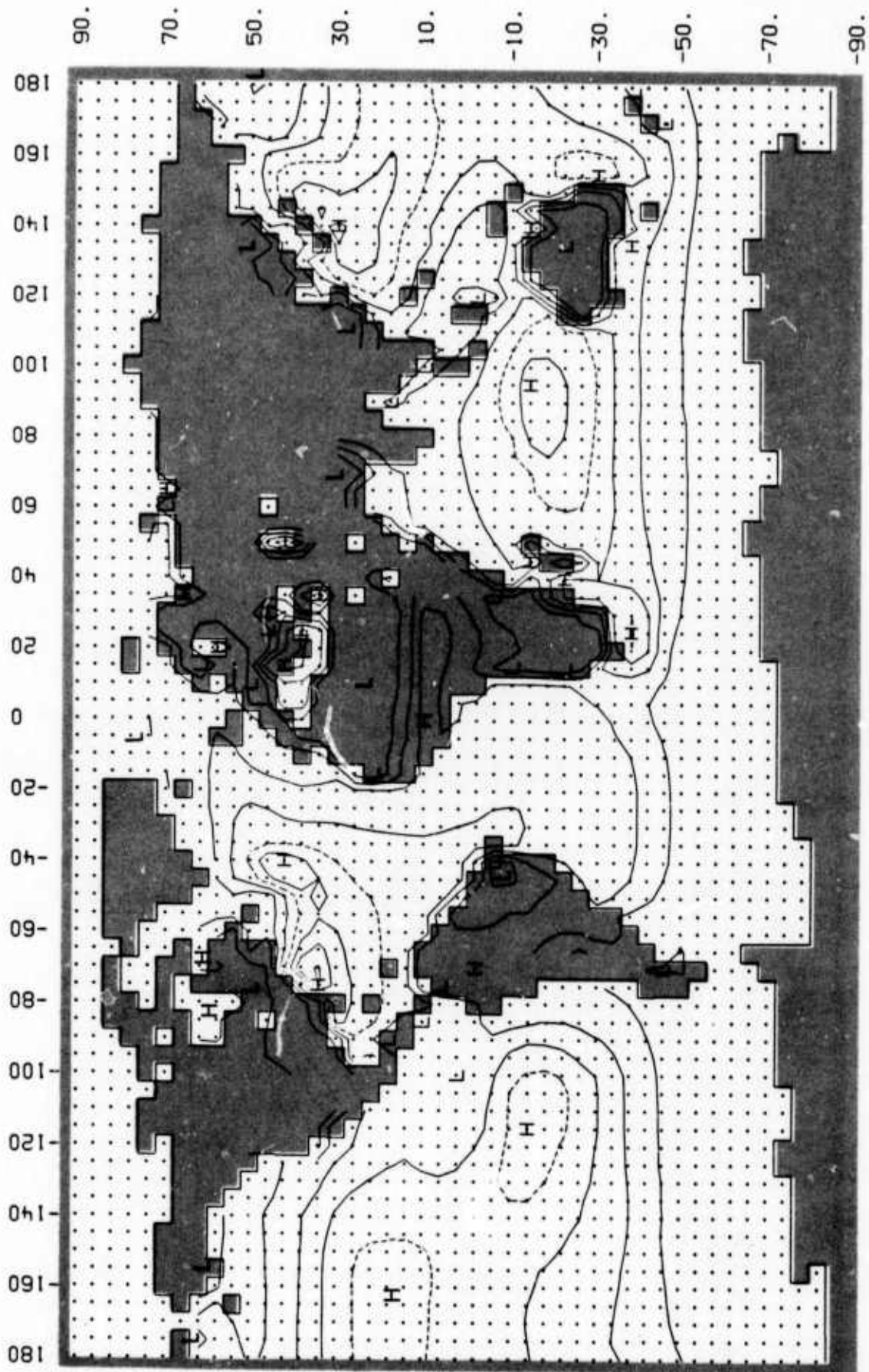


Fig. 3.7--October mean surface evaporation in mm/day. The analysis interval is 1.0 mm and the 5.0 mm isohal is dashed. Data from Budyko (1963).



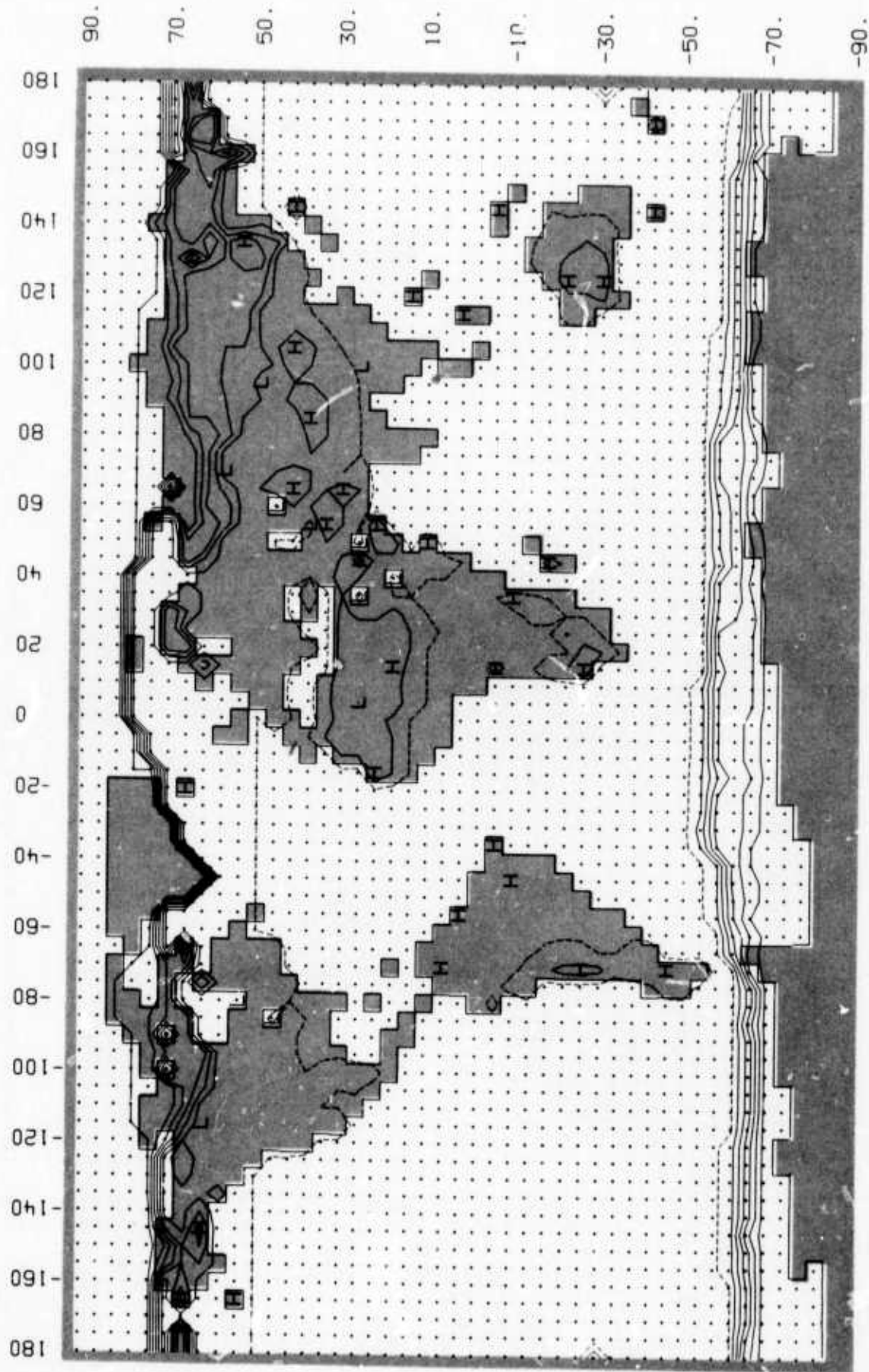


Fig. 3.8A--October mean surface albedo, in fractions. The analysis interval is 0.1 and the 0.1 isoline is dashed. Data are from Posey and Clapp (1964).

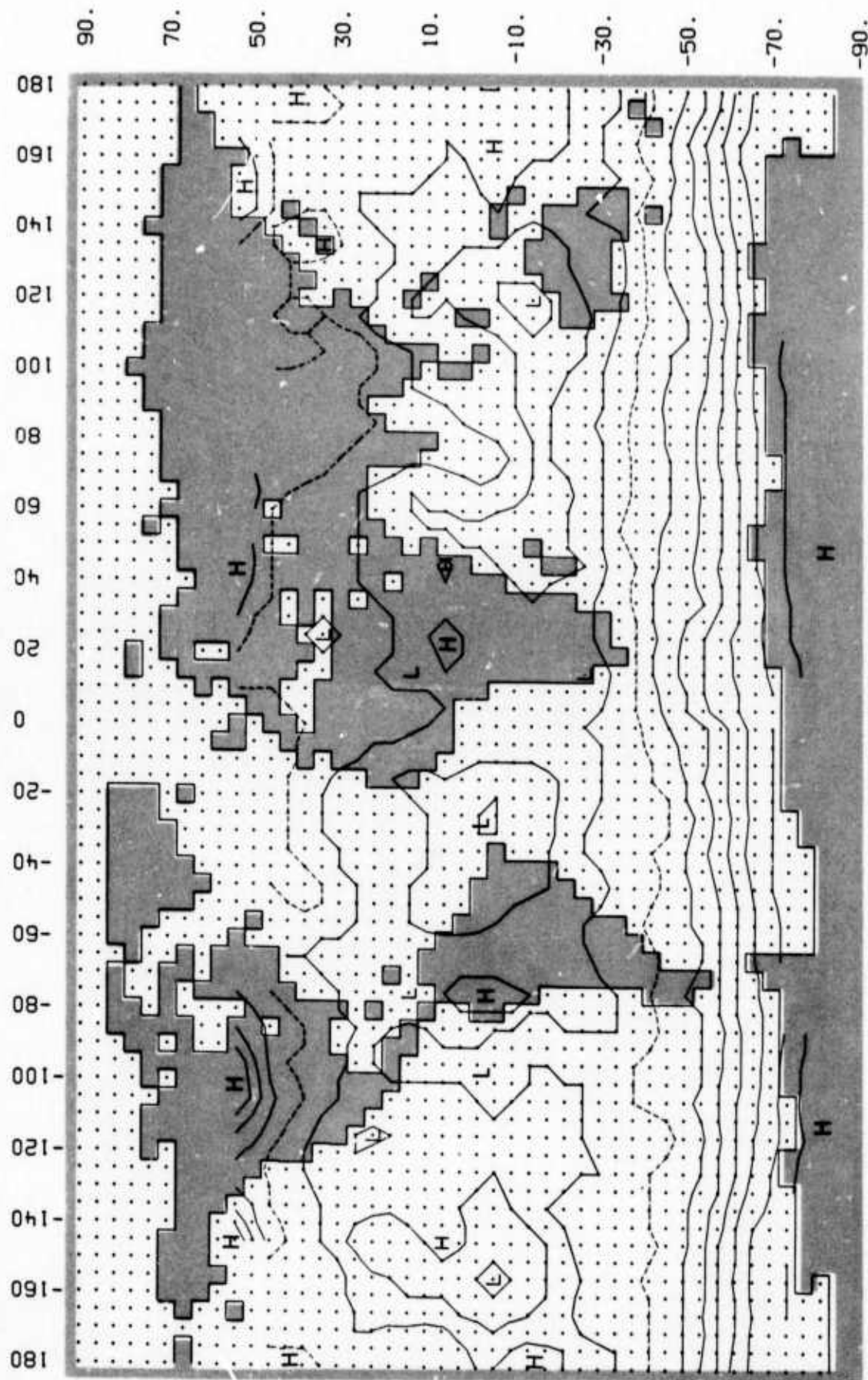


Fig. 3.8B---September-October-November mean *planetary* albedo, in fractions. The analysis interval is 0.05 and the 0.3 isoline is dashed. Data are from Vonder Haar (1972).

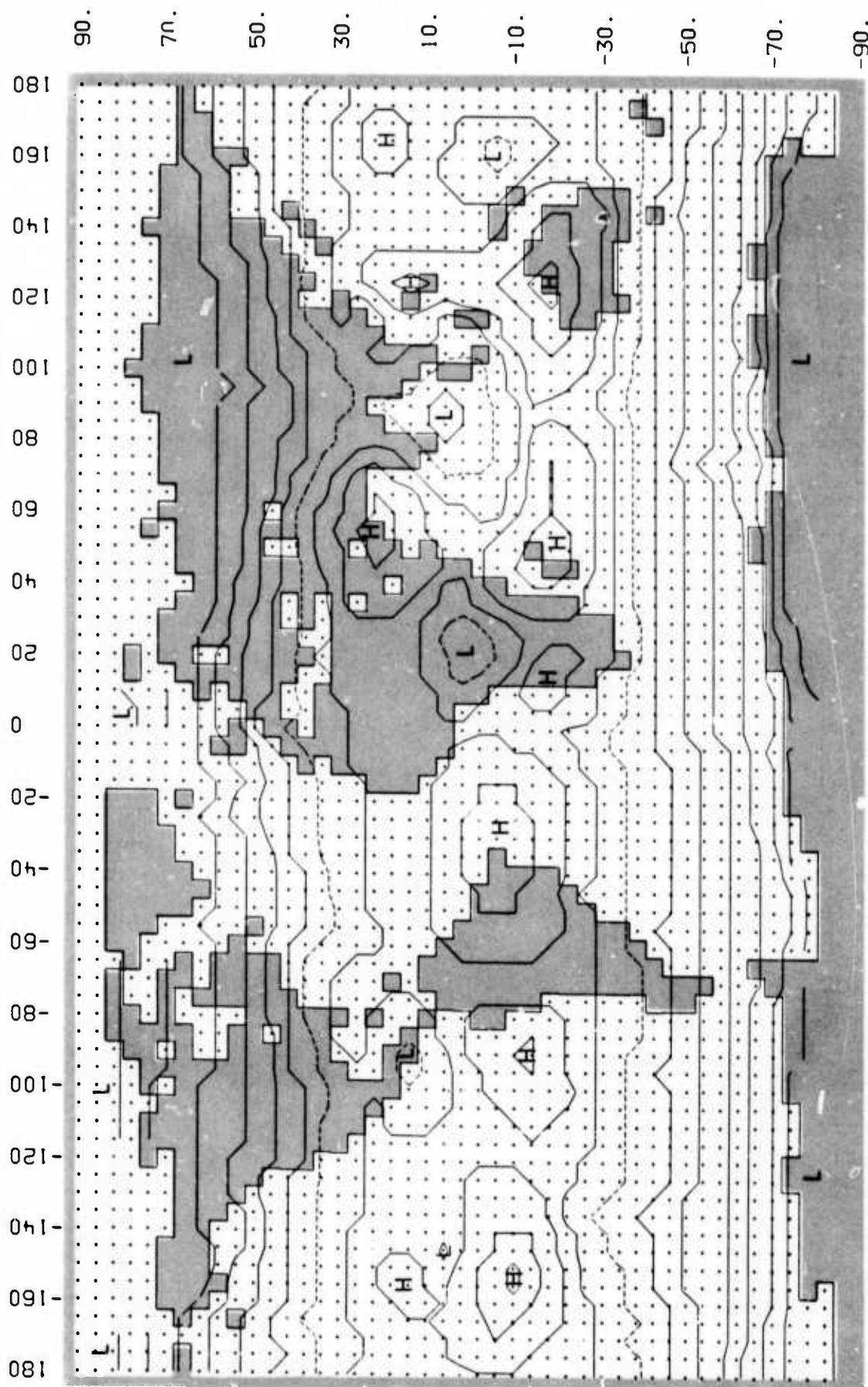


Fig. 3.8C--September-October-November mean outgoing longwave radiation, in  $10^2$  ly/day. The analysis interval is 25 ly/day and the 500 ly/day isoline is dashed. Data are from Vonder Haar (1972).



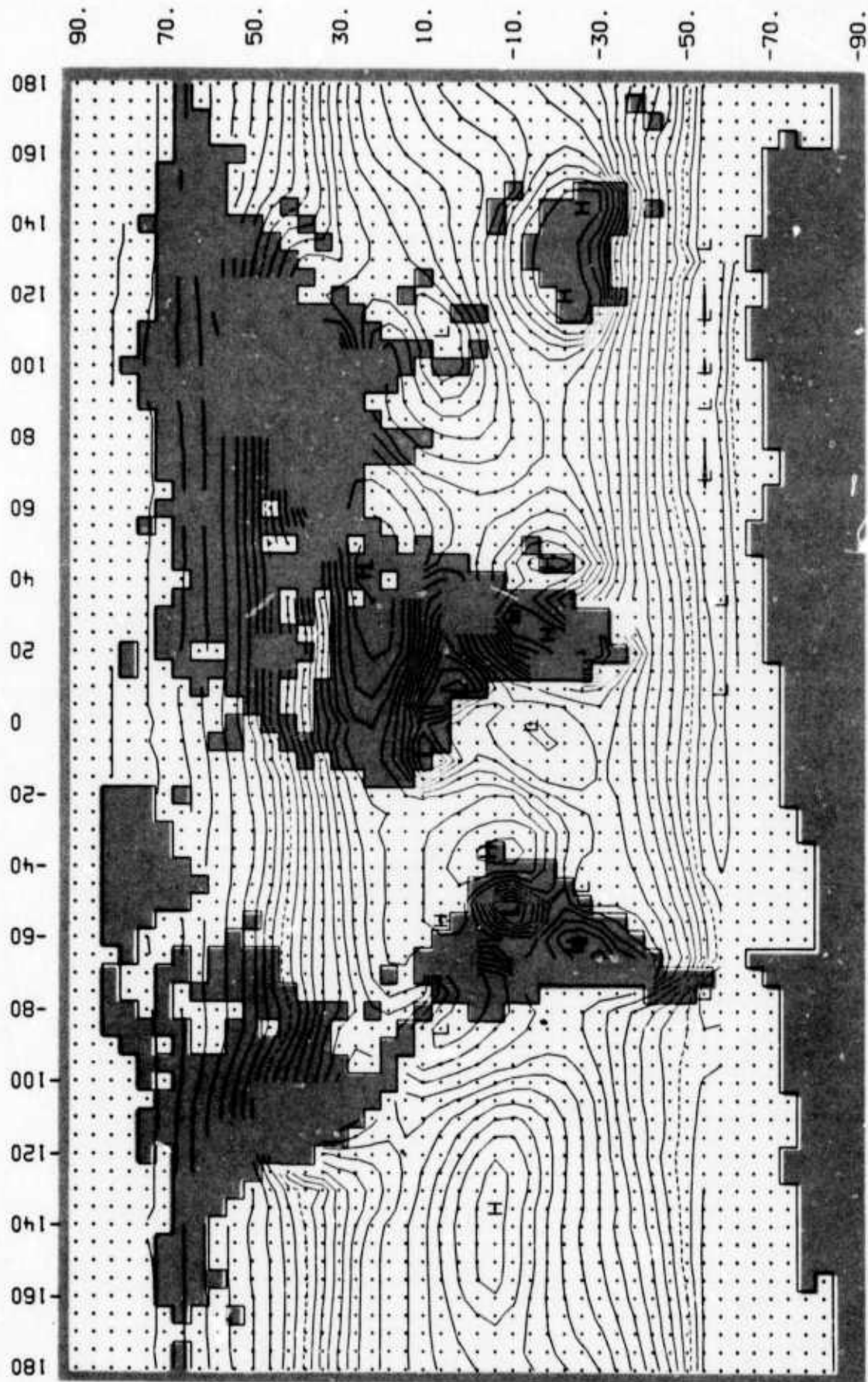


Fig. 3.8D--October mean solar radiation received at the surface in  $10^2$  ly/day. The analysis interval is 25 ly/day and the 250 ly/day isotherm is dashed. Data from Budyko (1963).

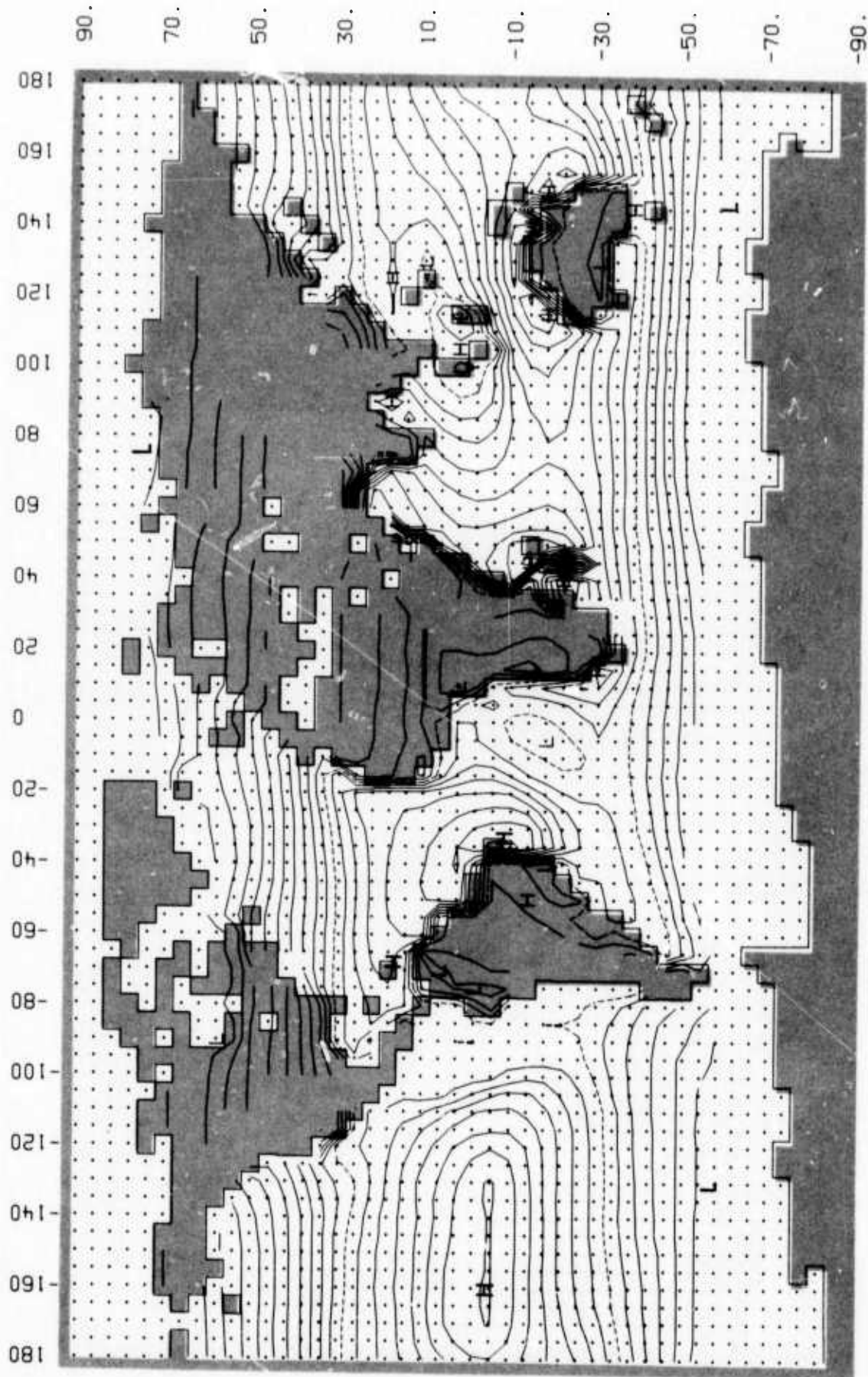


Fig. 3.9--October mean radiation balance at the surface in  $10^2$  ly/day. The analysis interval is 25 ly/day and the 250 ly/day iseline is dashed. A positive value denotes a short-wave energy surplus. Data from Budyko (1963).

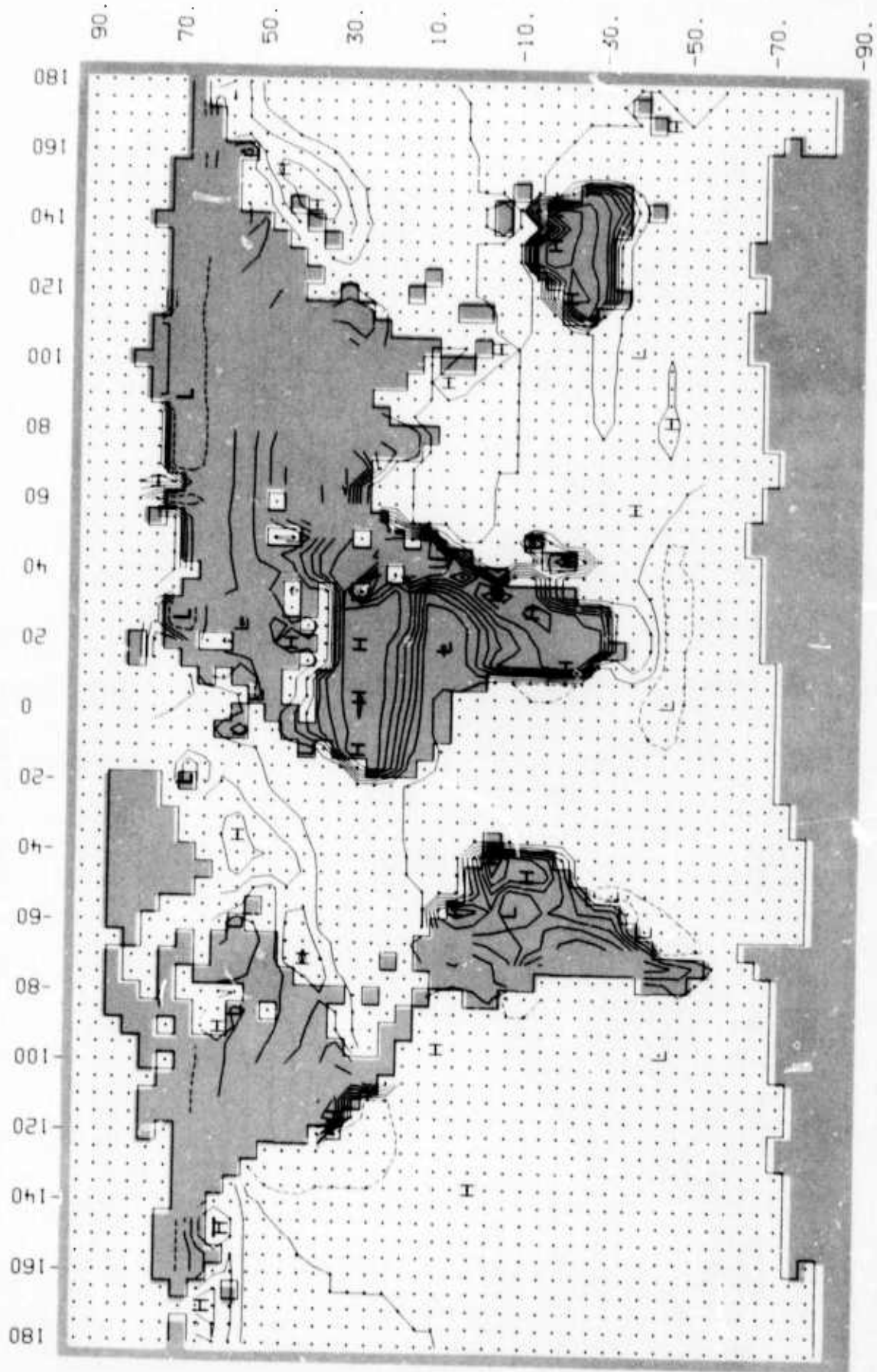


Fig. 3. 10--October mean sensible heat flux at the surface in 10 ly/day. The analysis interval is 20 ly/day and the 0 isoline is dashed. A positive value denotes an upward flux. Data from Budyko (1963).



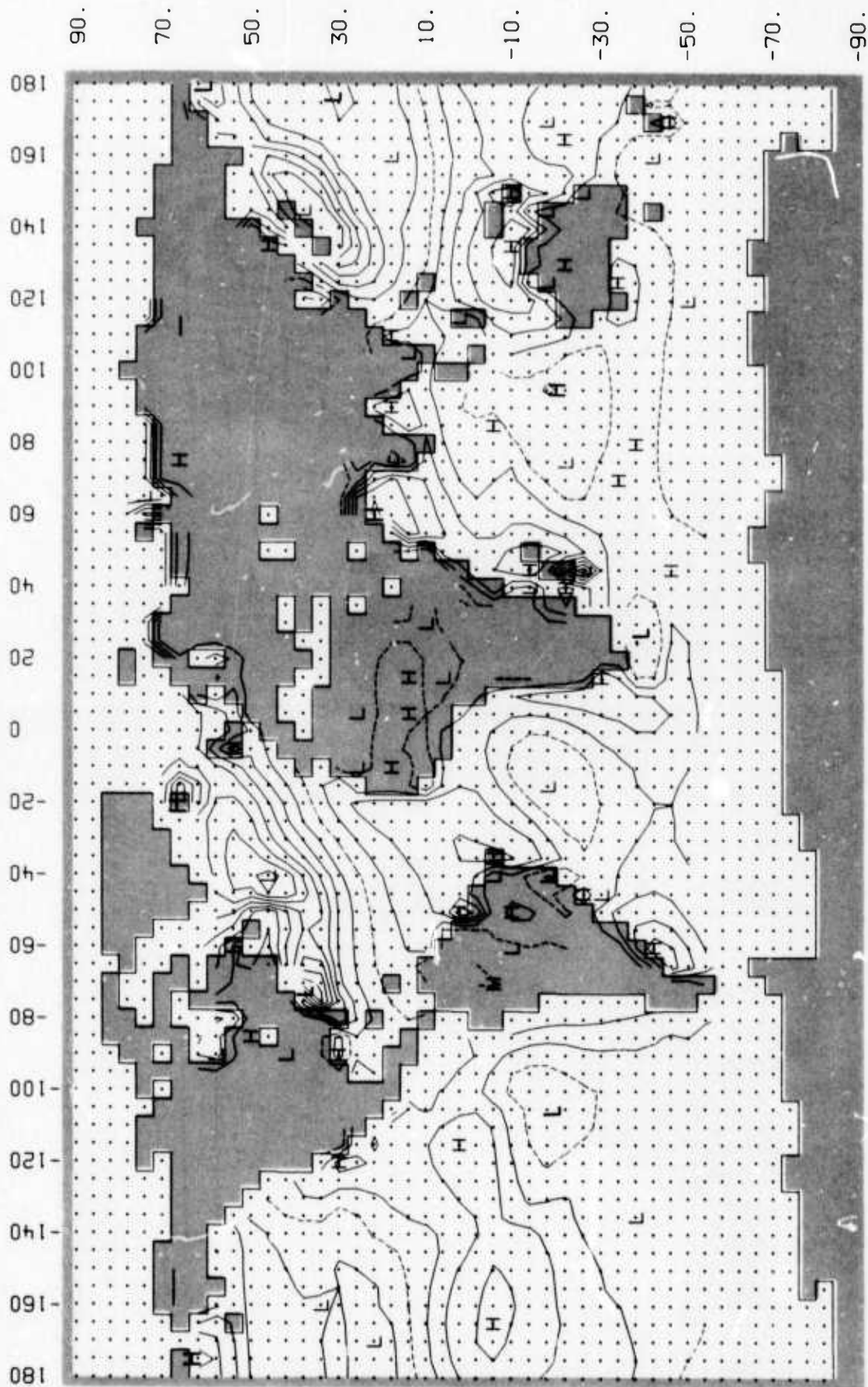


Fig. 3.11--October mean total heat balance at the surface in  $10^2$  ly/day. The analysis interval is 50 ly/day and the 0 isoline is dashed. A positive value denotes a radiative heat surplus over the losses due to sensible heat flux and evaporation. Data are from Budyko (1963).

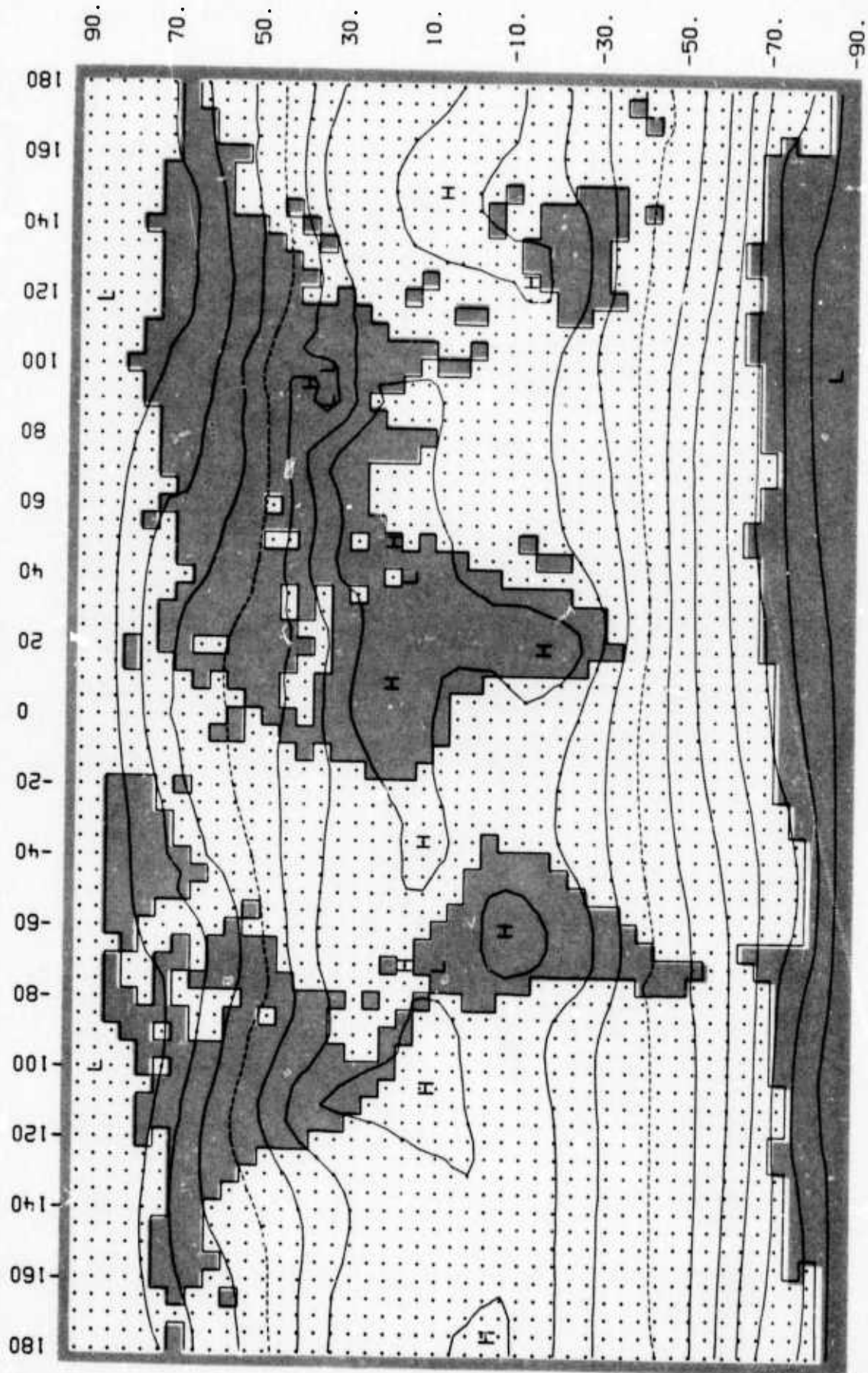


Fig. 3.12--October mean temperature at 800 mb in deg C. The analysis interval is 5 deg C and the 0 deg C isotherm is dashed. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).



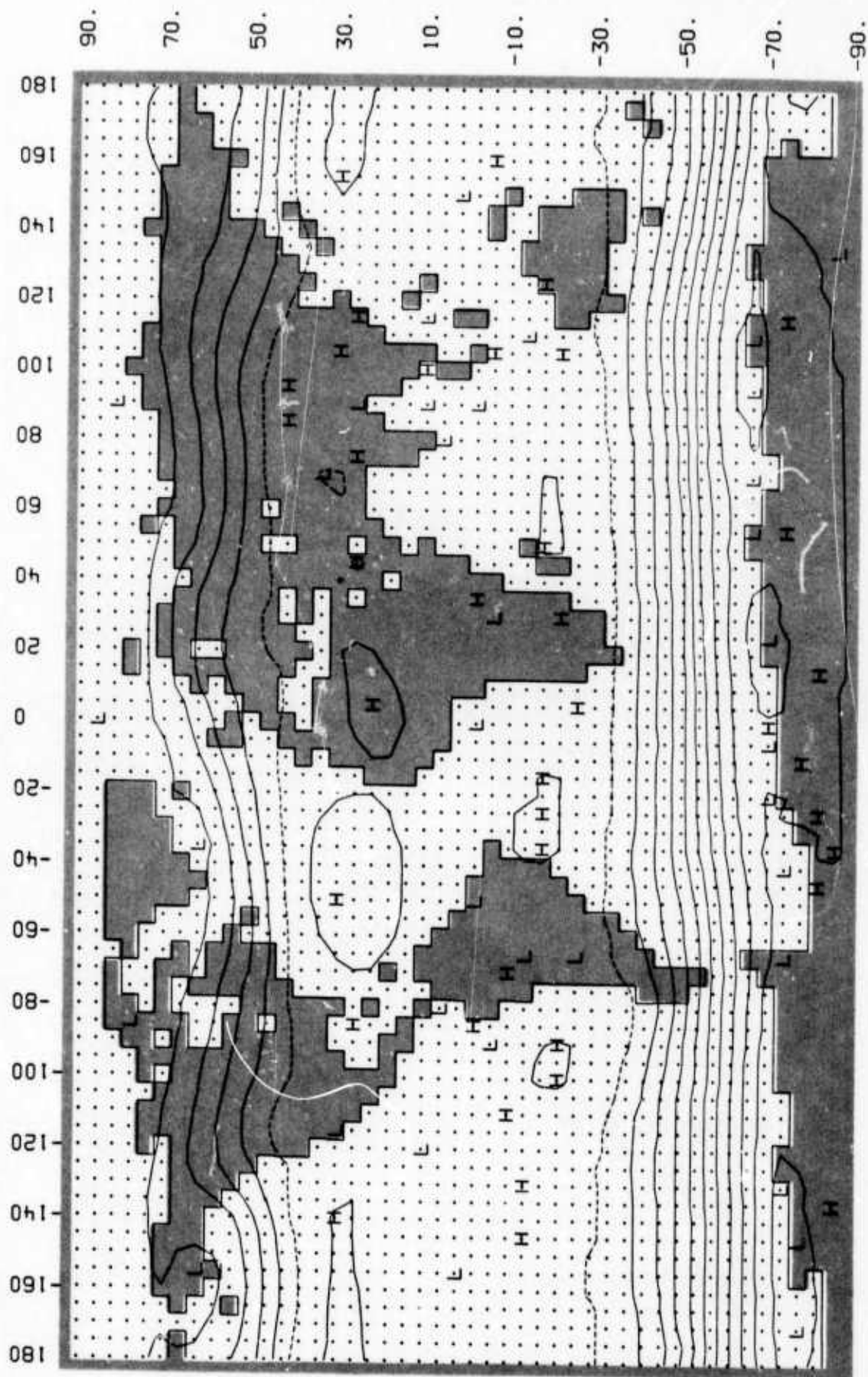


Fig. 3.13--October mean geopotential height at 800 mb in  $10^2$  m. The analysis interval is 50 m and the 2000 m contour is dashed. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).

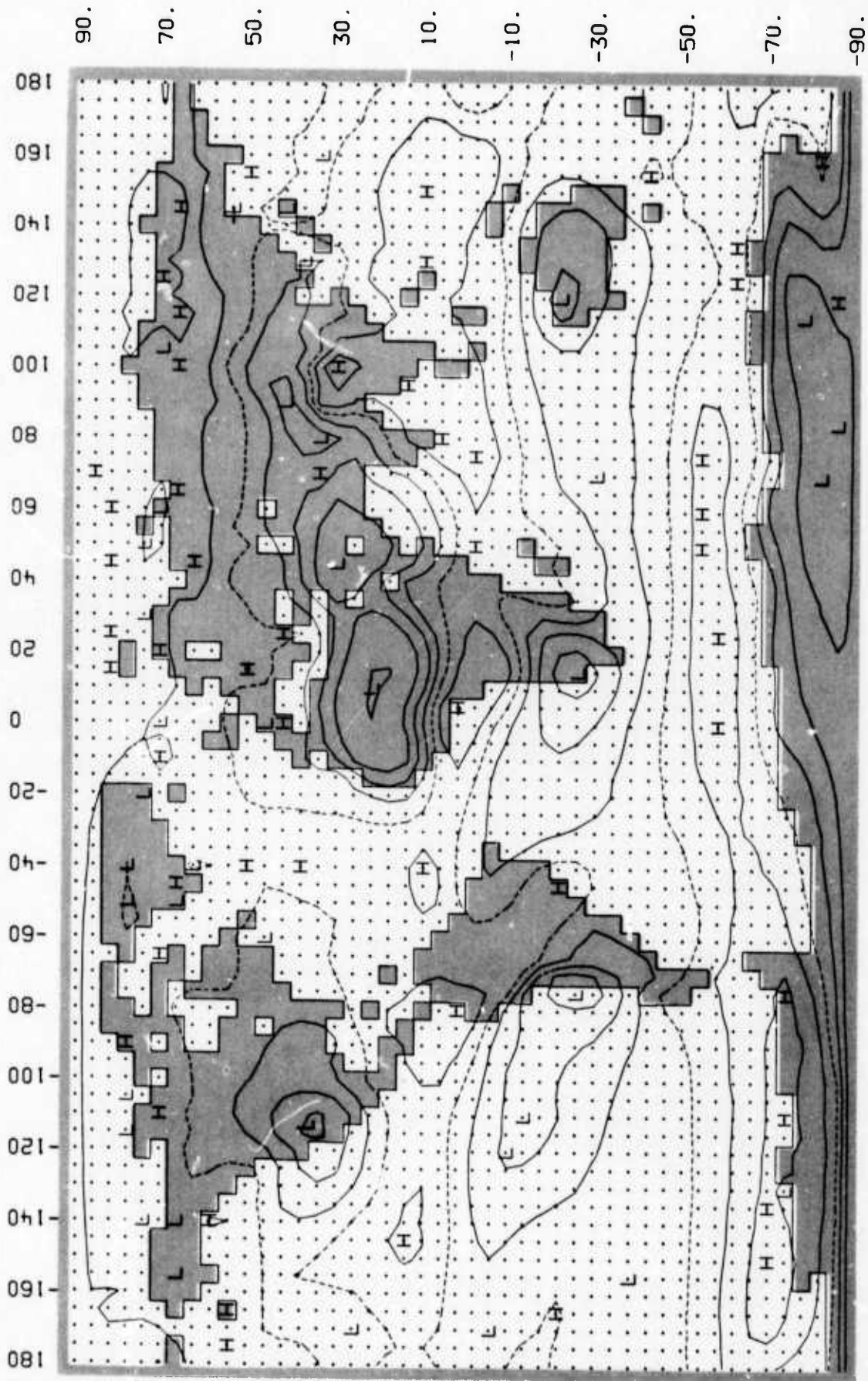


Fig. 3.14--October mean relative humidity at 800 mb in percent. The analysis interval is 10 percent and the 60 percent isohline is dashed. Computed from dew point data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).

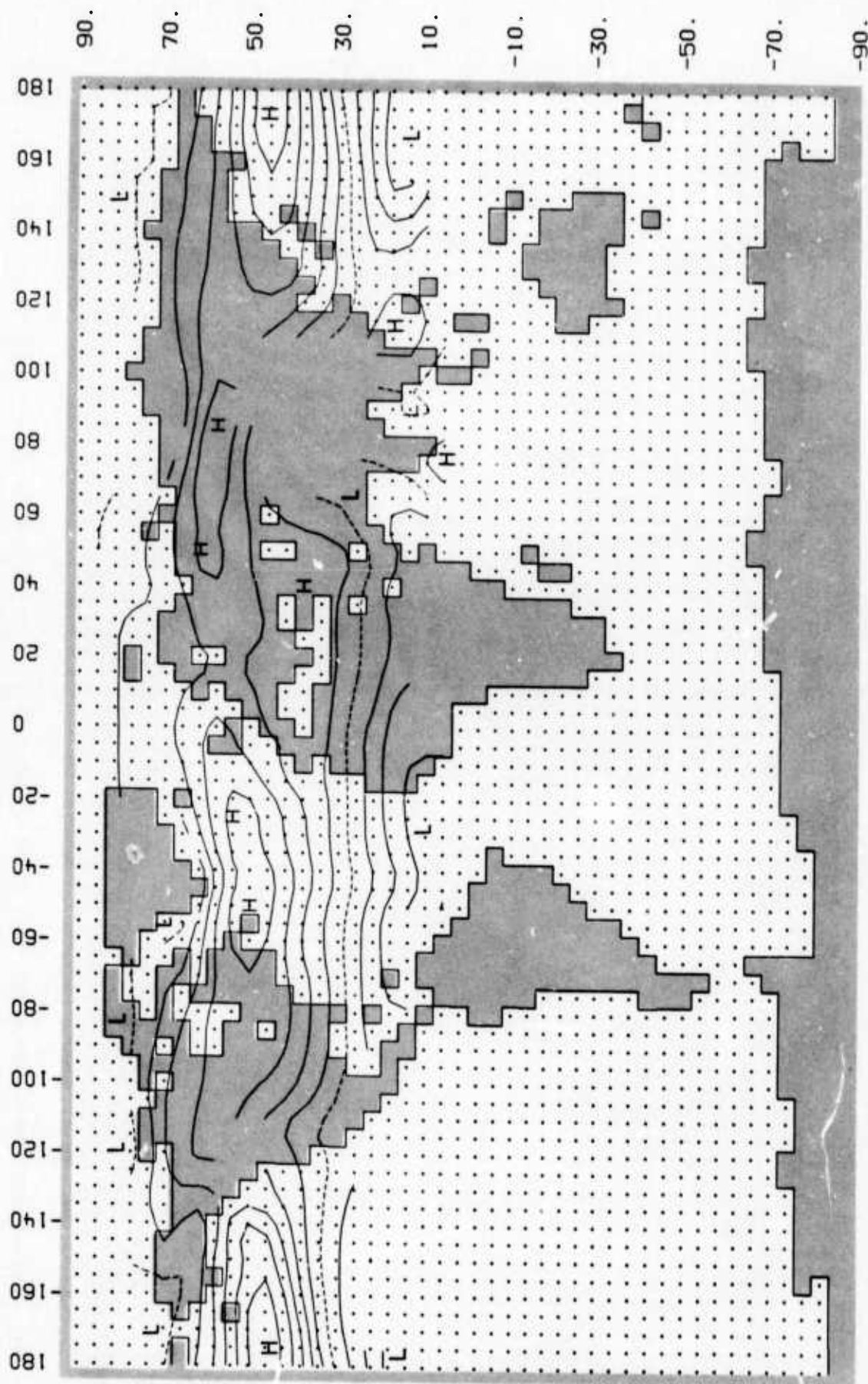


Fig. 3.15--September-October-November mean zonal wind at 800 mb (northern hemisphere only) in  $\text{m sec}^{-1}$ . The analysis interval is  $2.0 \text{ m sec}^{-1}$  and the 0 isoline is dashed. A positive value denotes wind toward the east. Data from the cross sections of Crutcher (1961).



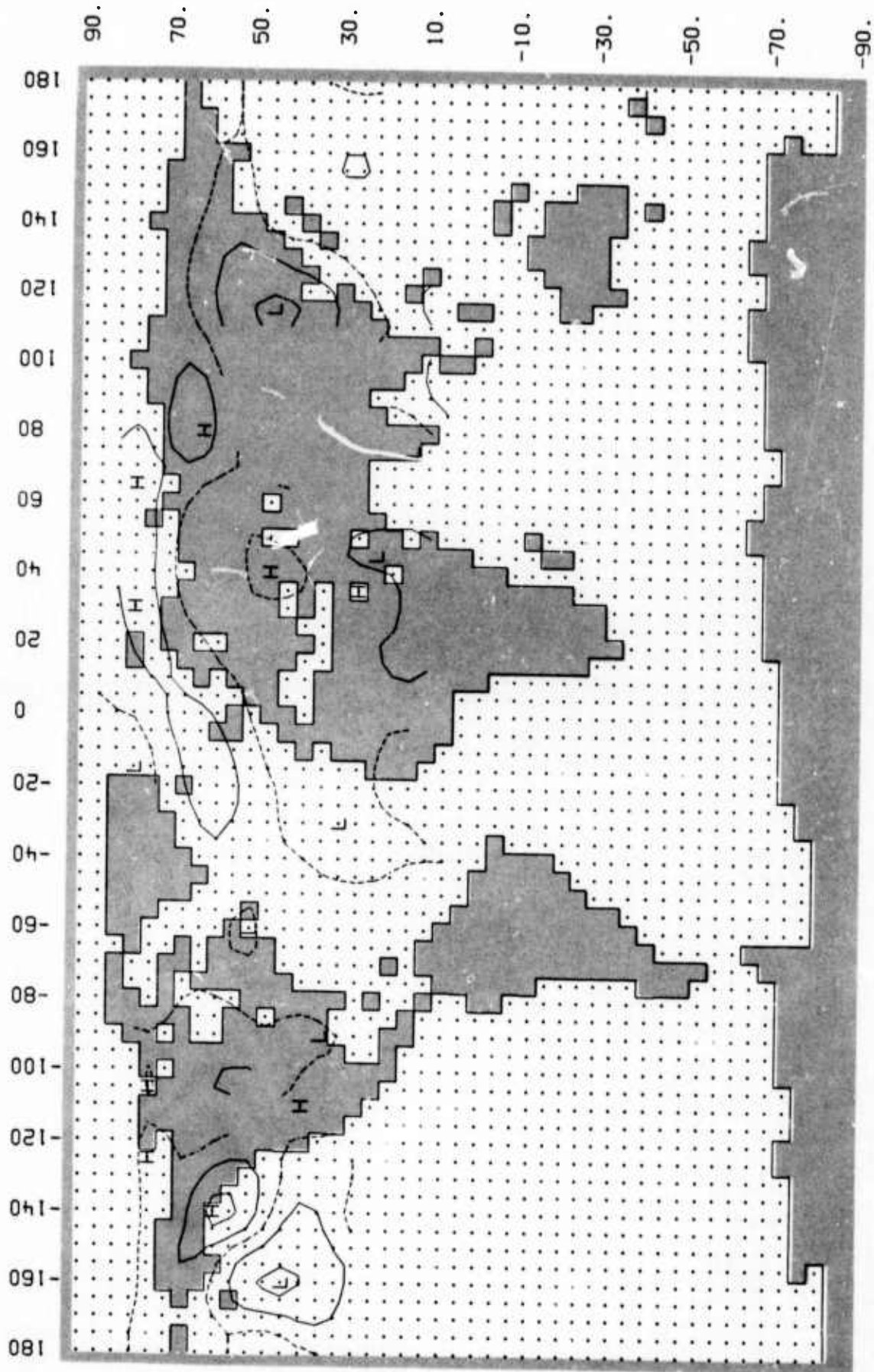


Fig. 3.16---September-October-November mean meridional wind at 800 mb (northern hemisphere only) in  $\text{m sec}^{-1}$ . The analysis interval is  $2.0 \text{ m sec}^{-1}$  and the 0 isoline is dashed. A positive value denotes wind toward the north. Data from the cross sections of Crutcher (1961).

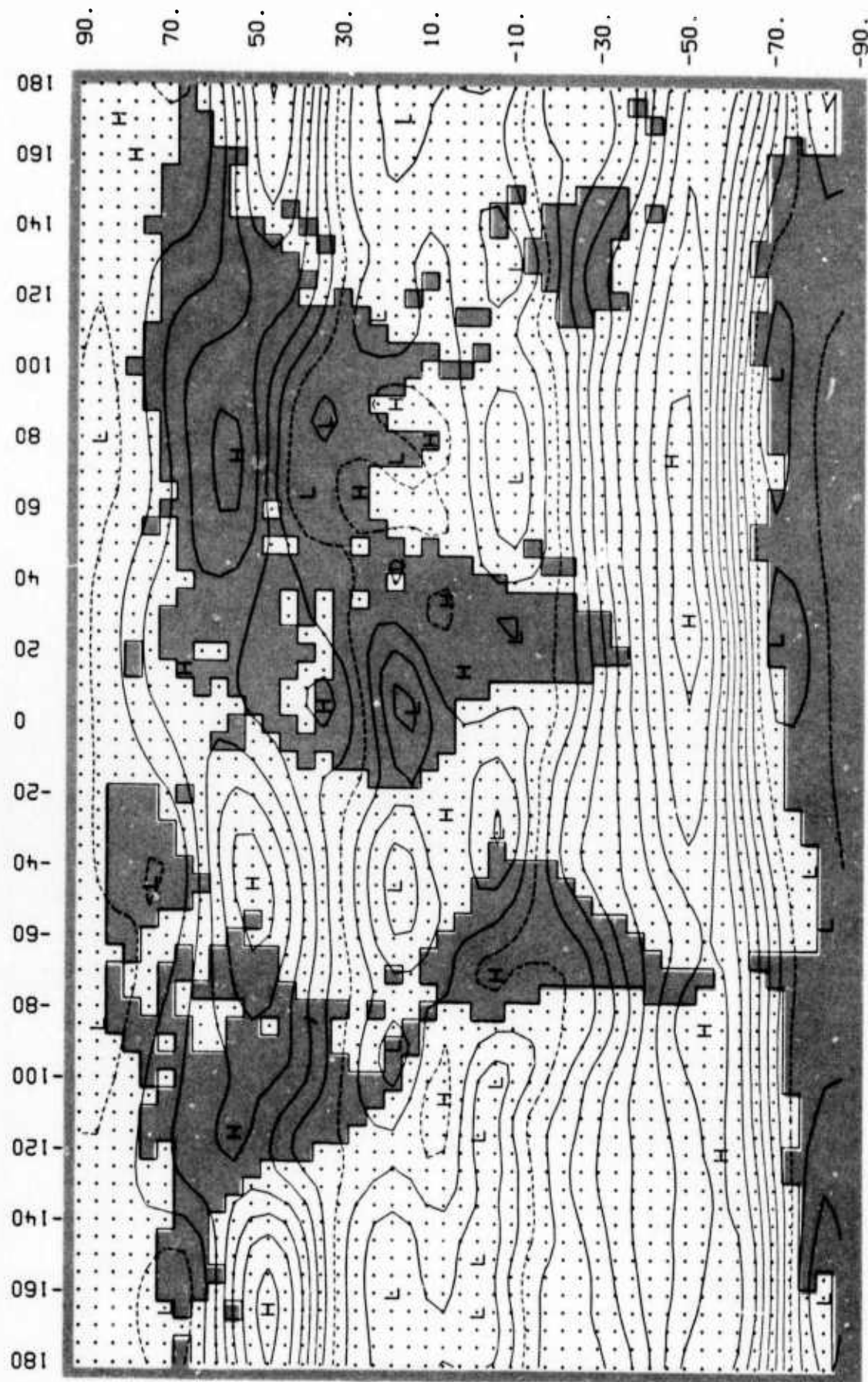


Fig. 3.17--October mean zonal geostrophic wind at 800 mb in  $\text{m sec}^{-1}$ . The analysis interval is 2.0  $\text{m sec}^{-1}$  and the 0 isoline is dashed. A positive value denotes wind *toward* the east. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).



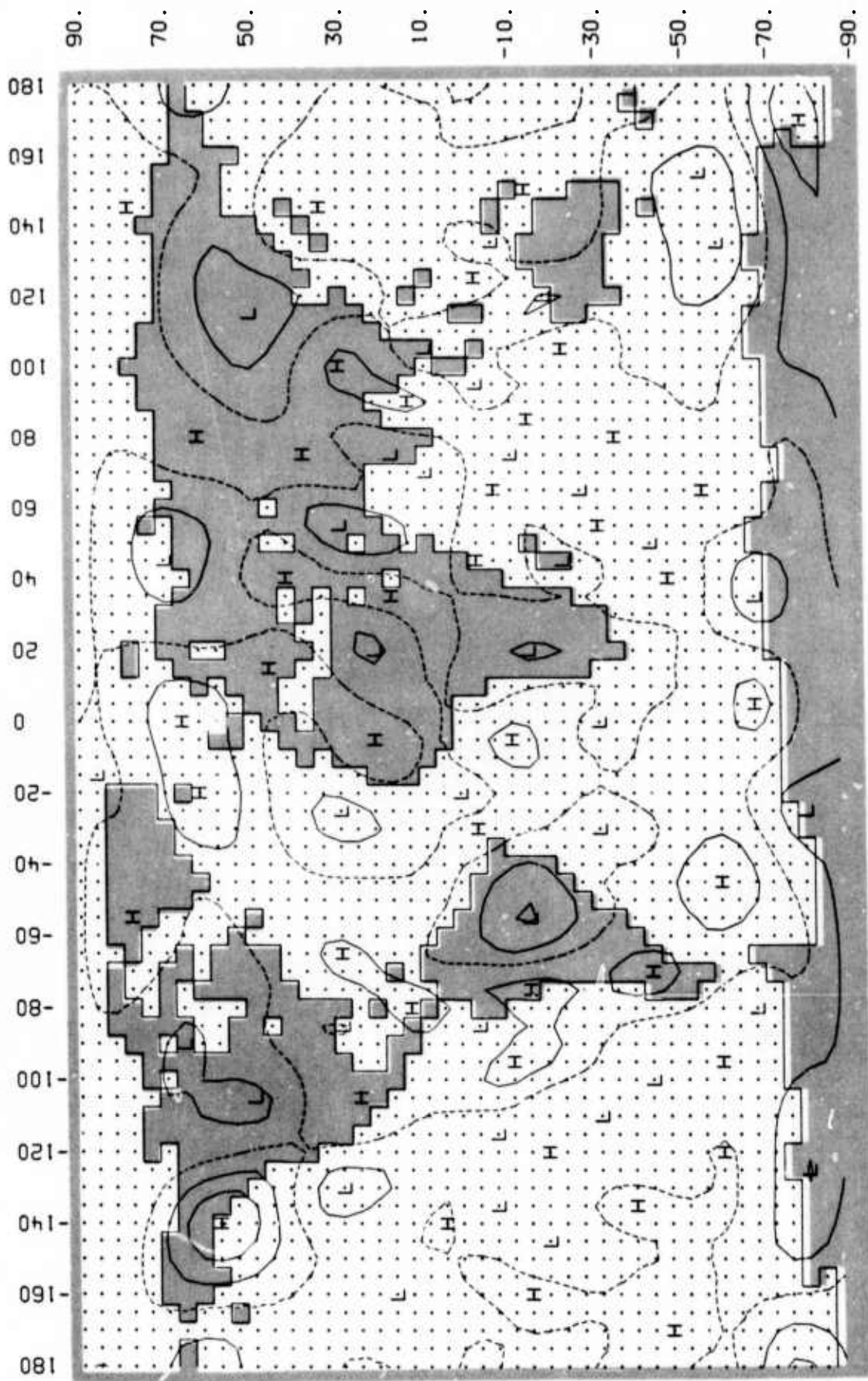


Fig. 3.18--October mean meridional geostrophic wind at 800 mb in  $\text{m sec}^{-1}$ . The analysis interval is 2.0  $\text{m sec}^{-1}$  and the 0 isoline is dashed. A positive value denotes wind toward the north. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).

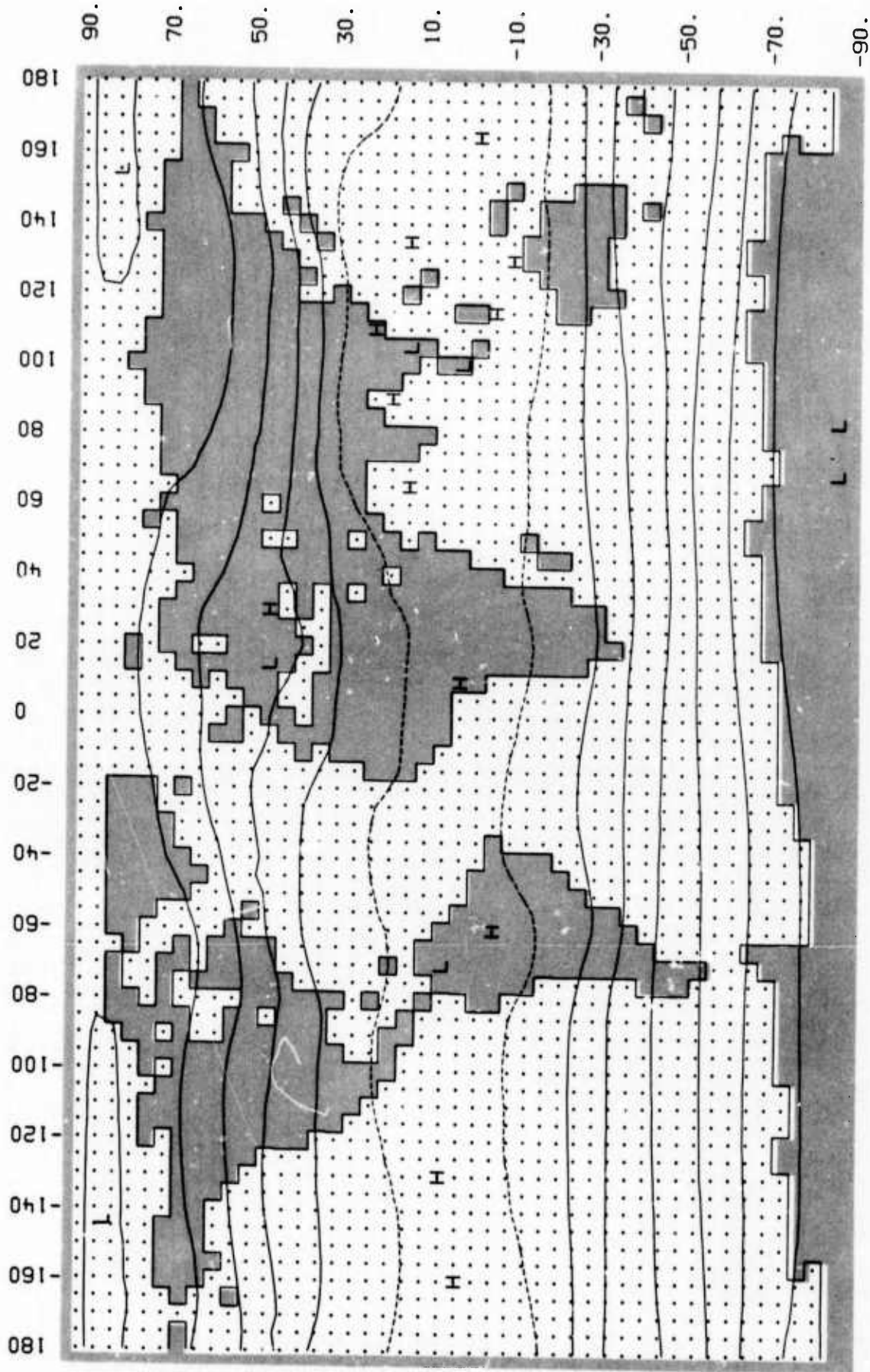


Fig. 3.19--October mean temperature at 400 mb in deg C. The analysis interval is 5 deg C and the -20 deg C isotherm is dashed. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).

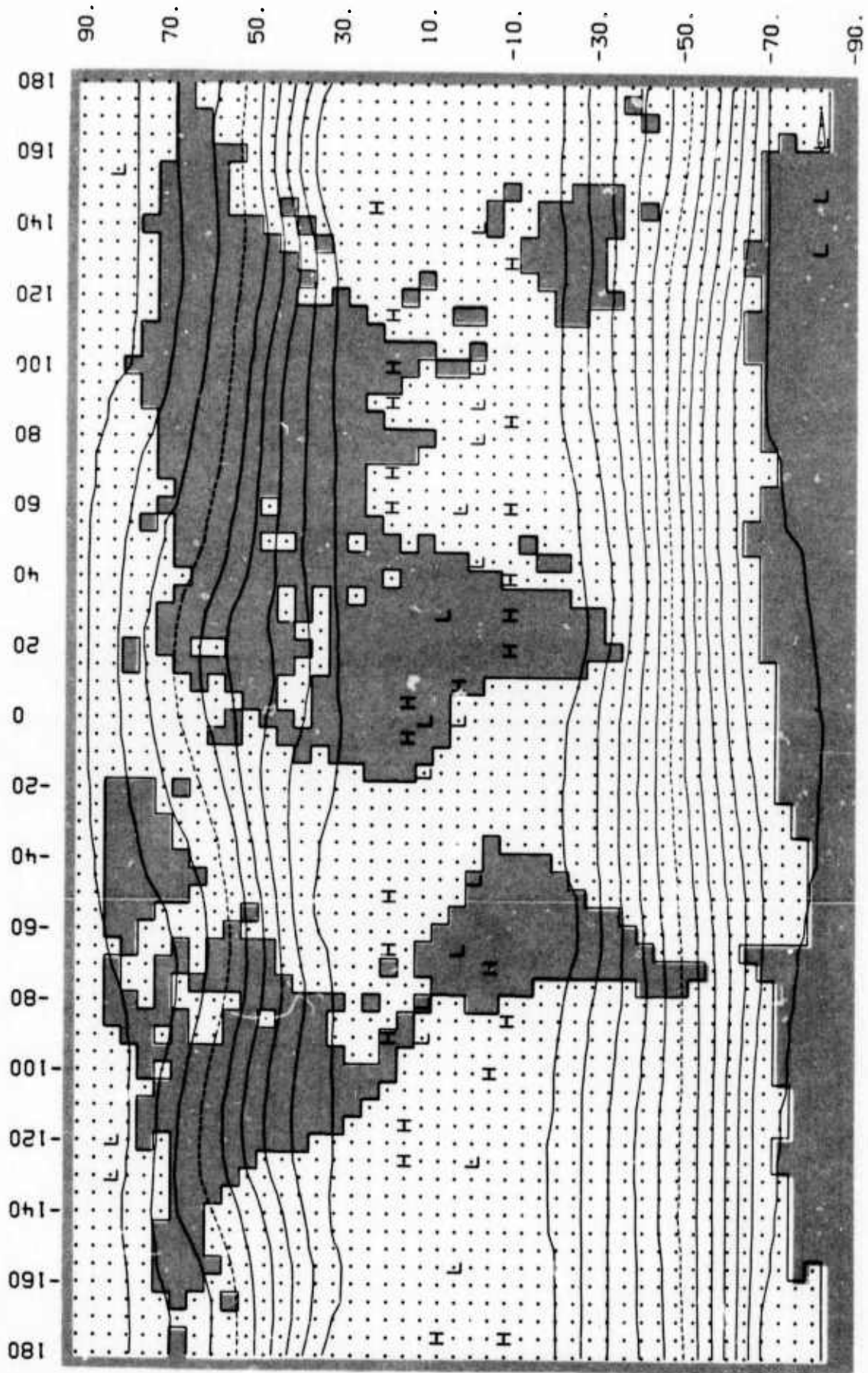


Fig. 3.20--October mean geopotential height at 400 mb in  $10^2$  m. The analysis interval is 100 m and the 7000 m contour is dashed. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).



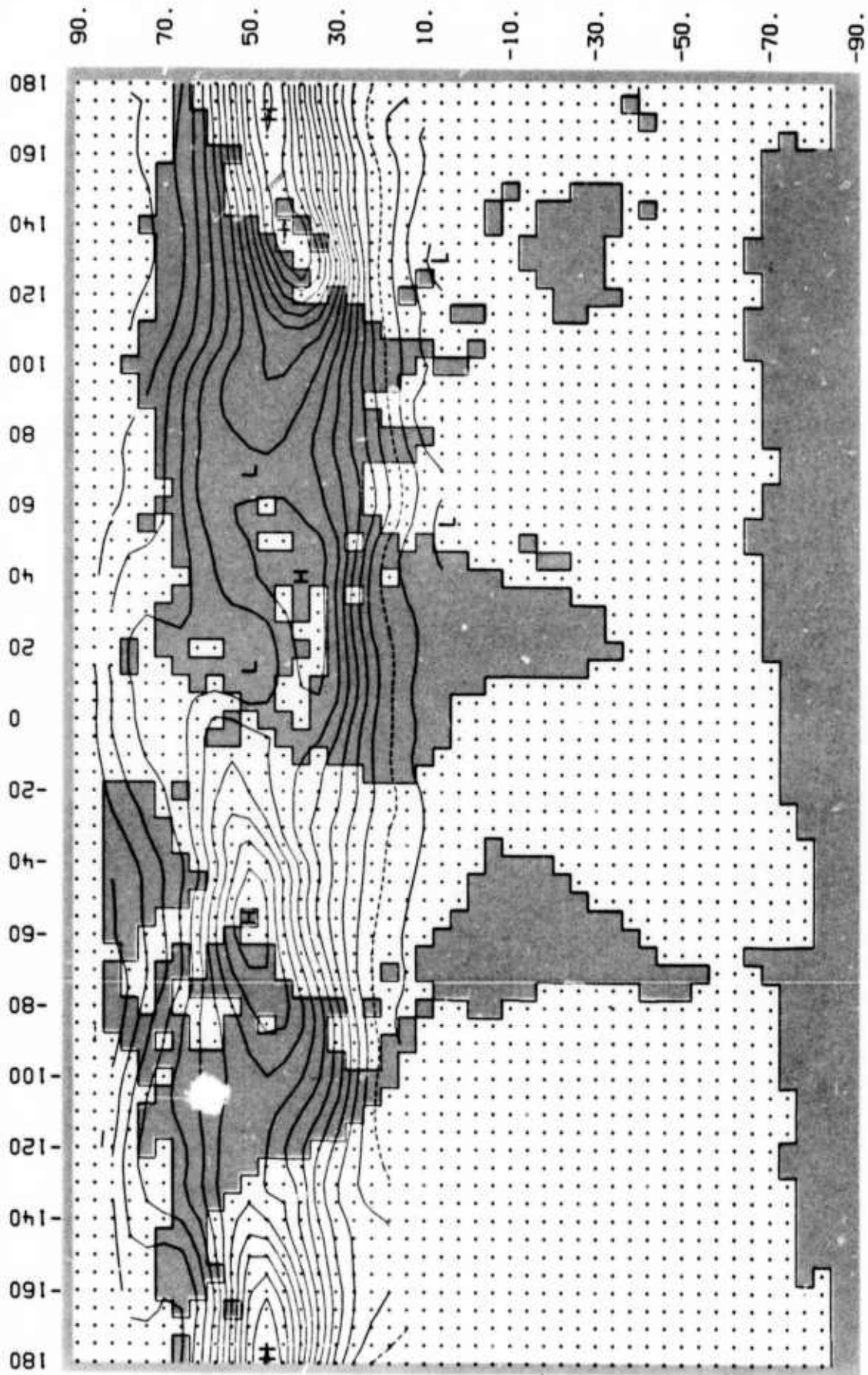


Fig. 3.21--September-October-November mean zonal wind at 400 mb (northern hemisphere only) in  $\text{m sec}^{-1}$ . The analysis interval is 2  $\text{m sec}^{-1}$  and the 0 isoline is dashed. A positive value denotes wind *toward* the east. Data from the cross sections of Crutcher (1961).

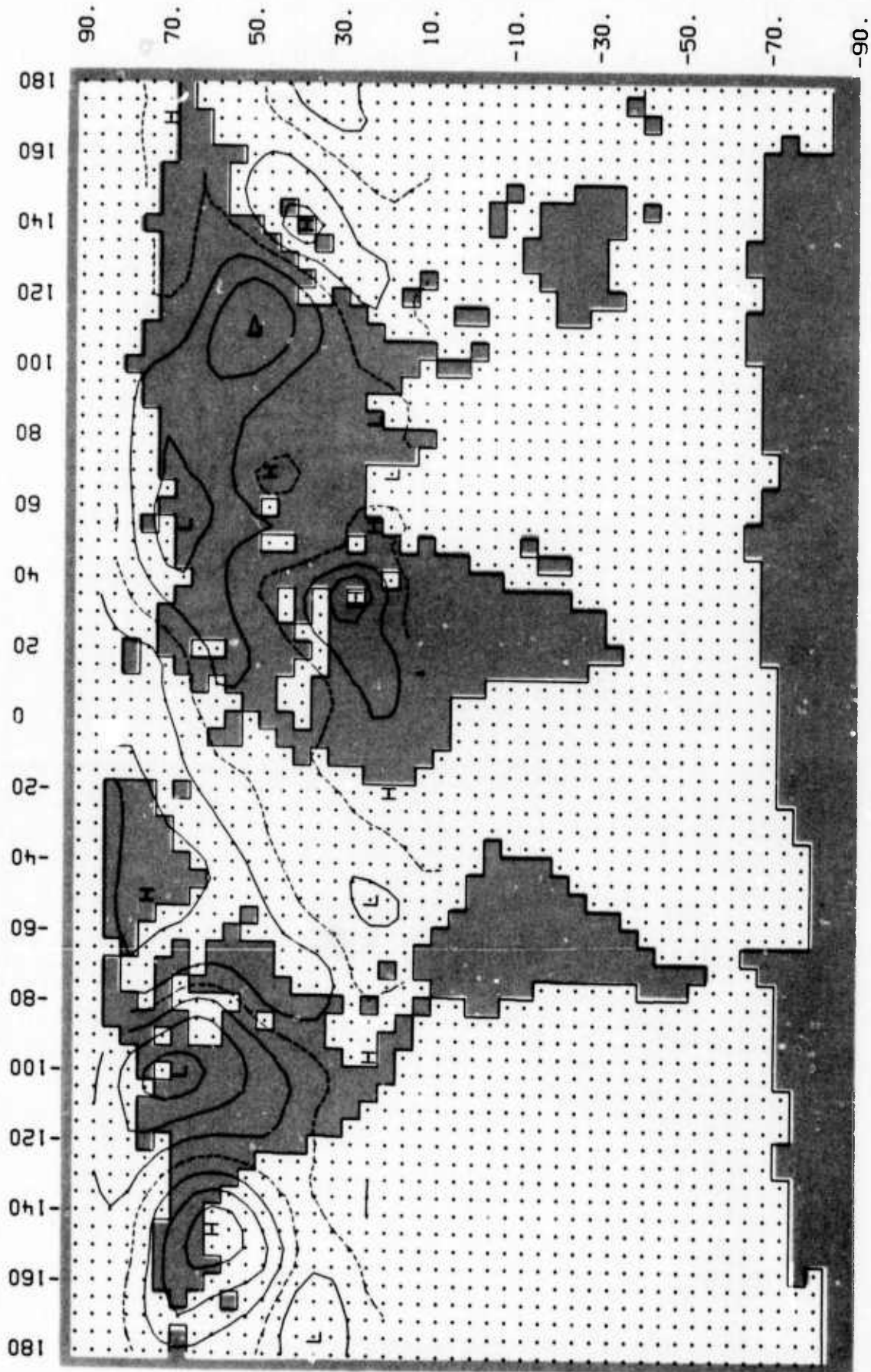


Fig. 3.22--September-October-November mean meridional wind at 400 mb (northern hemisphere only) in m sec<sup>-1</sup>. The analysis interval is 2.0 m sec<sup>-1</sup> and the 0 isoline is dashed. A positive value notes wind *toward* the north. Data from the cross sections of Crutcher (1961).



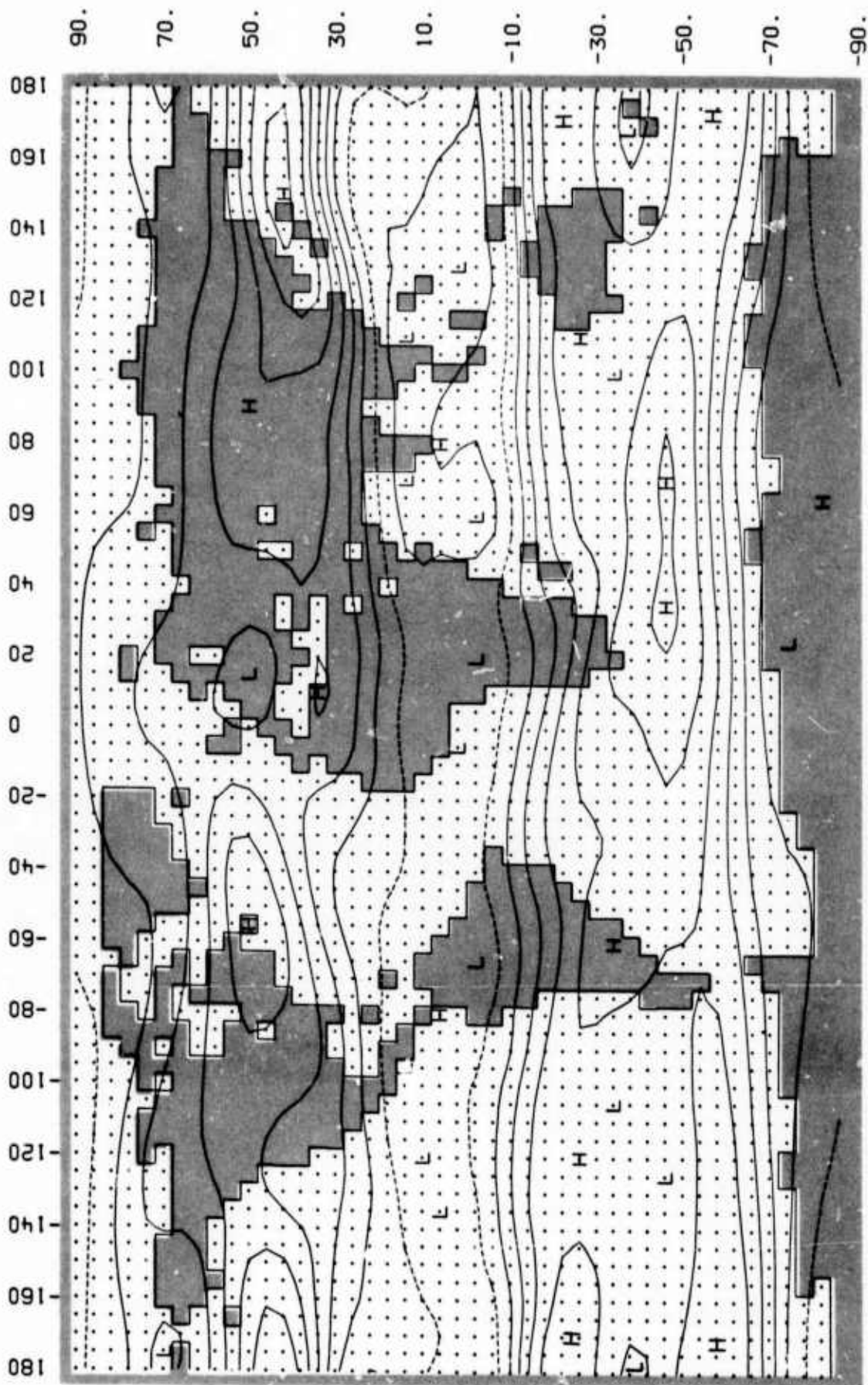


Fig. 3.23--October mean zonal geostrophic wind at 400 mb in  $\text{m sec}^{-1}$ . The analysis interval is  $5 \text{ m sec}^{-1}$  and the 0 isoline is dashed. A positive value denotes wind *toward* the east. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).

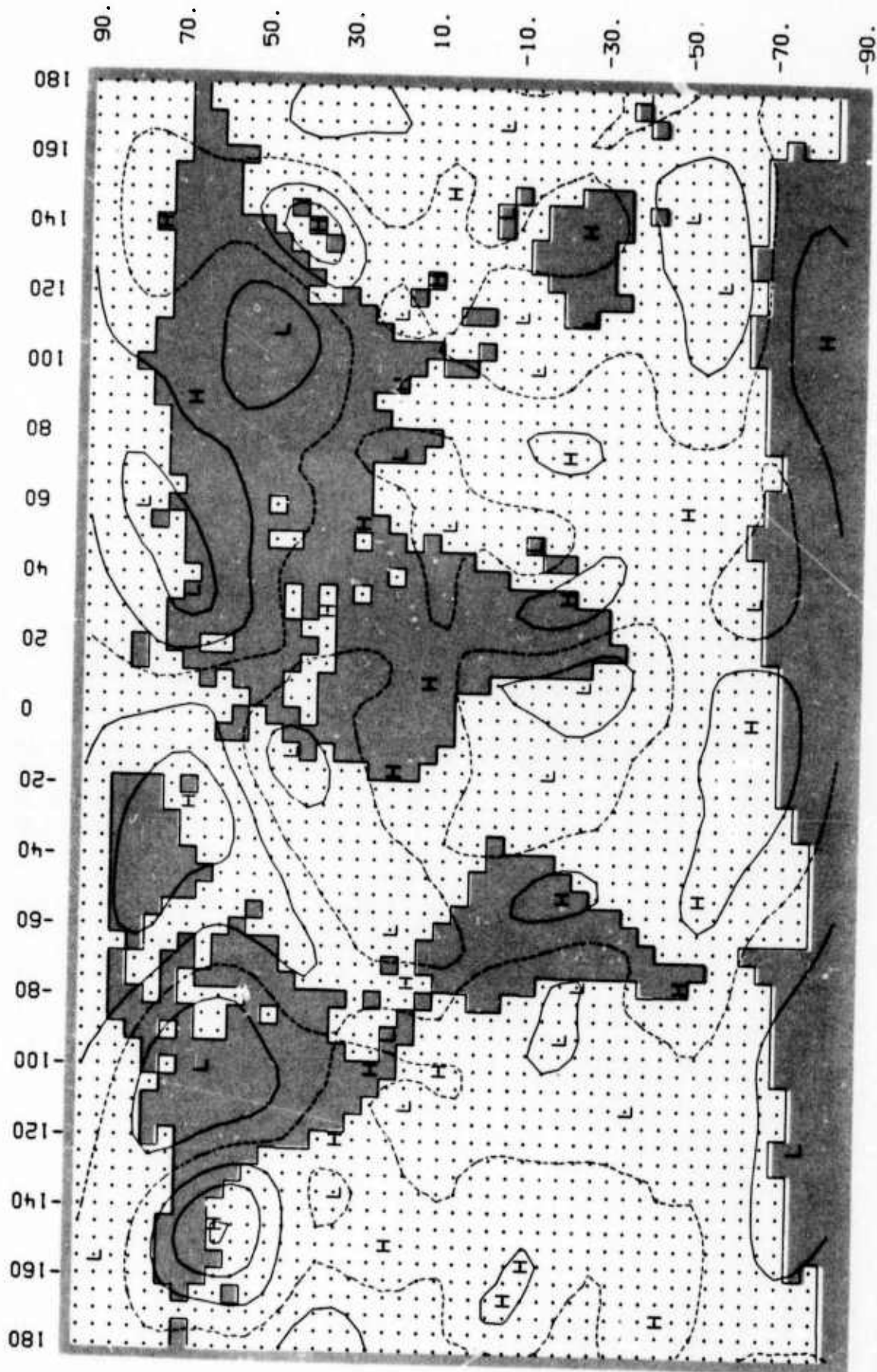


Fig. 3.24--October mean meridional geostrophic wind at 400 mb in  $\text{m sec}^{-1}$ . The analysis interval is  $2.5^\circ$  and the 0 isoline is dashed. A positive value denotes wind toward the north. Reduced from data of Crutcher and Meserve (1970) and Taljaard, et al. (1969).

4. ZONALLY AVERAGED DATA

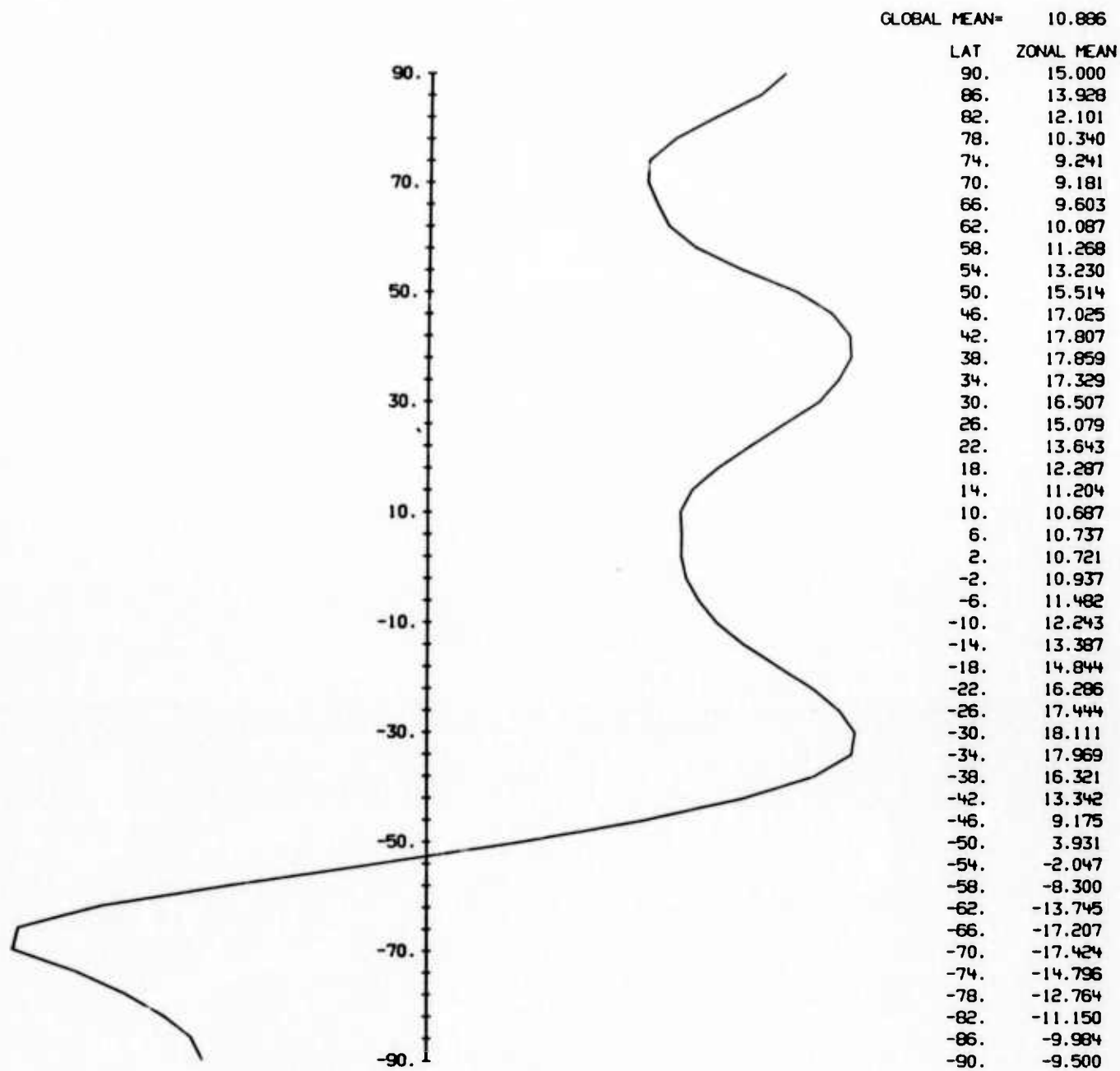


Fig. 4.1--October zonally-averaged mean sea-level pressure in mb (relative to 1000 mb), as found from the data of Fig. 3.1.



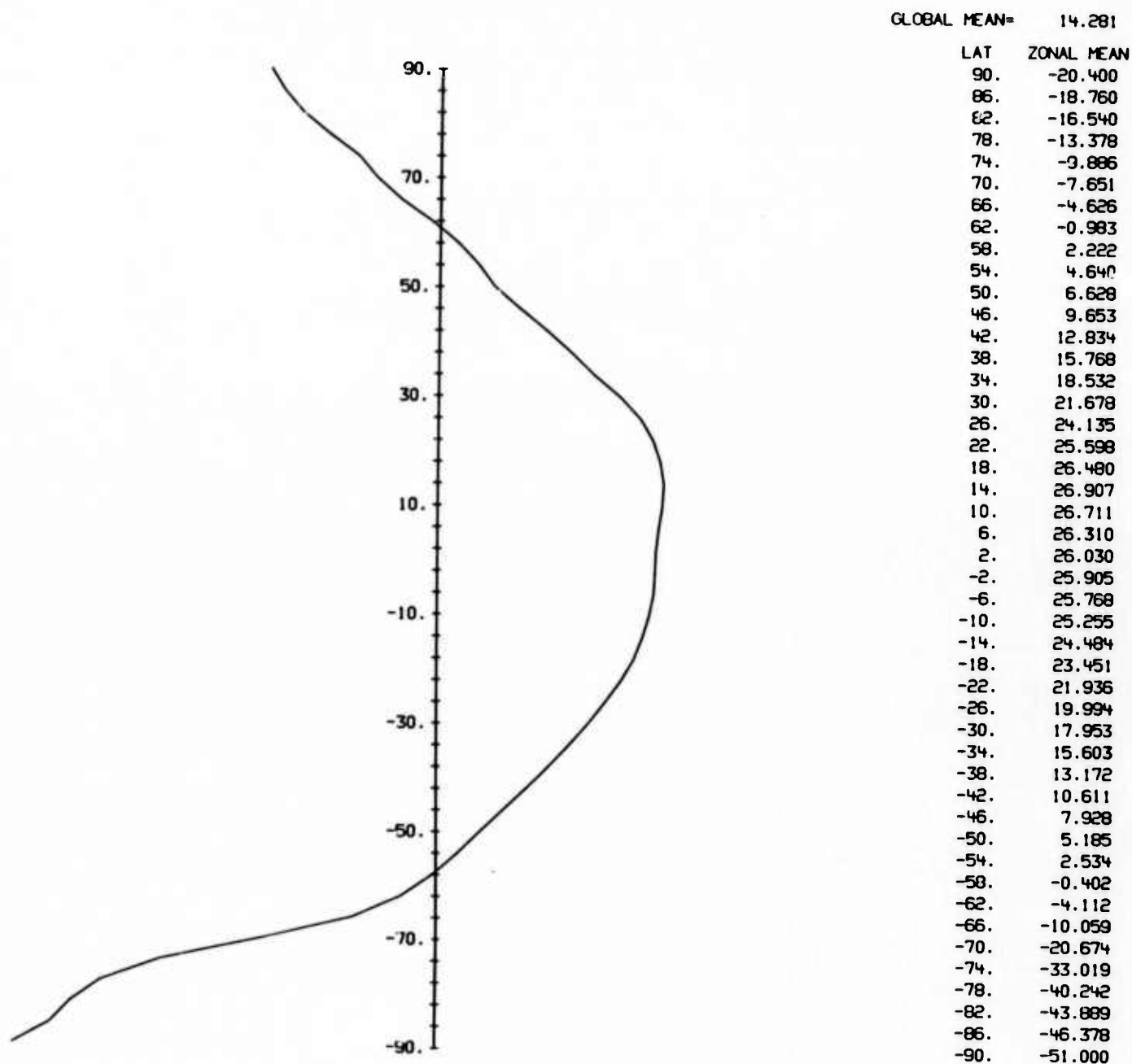


Fig. 4.2--October zonally-averaged mean surface air temperature in deg C, as found from the data of Fig. 3.2.

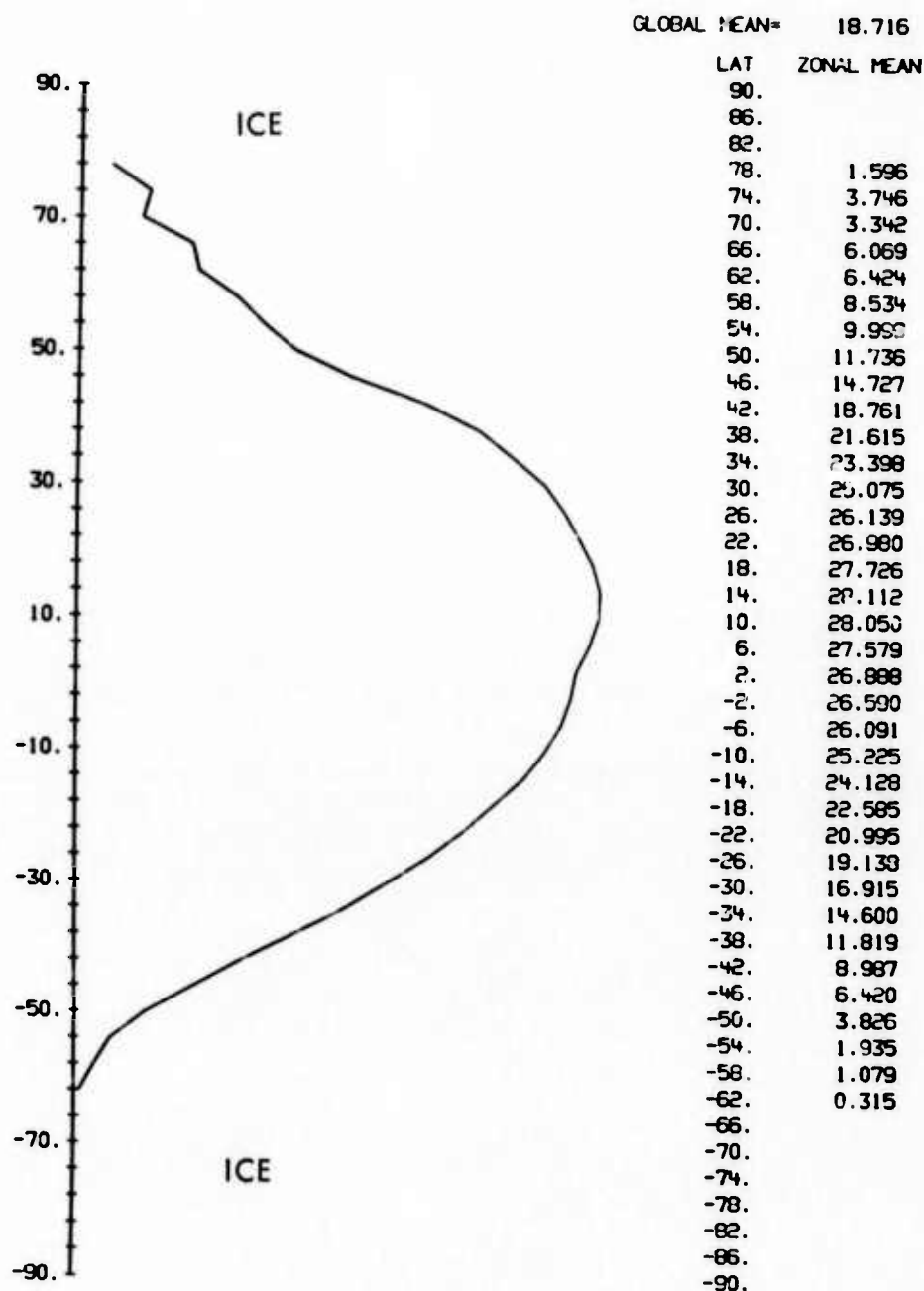


Fig. 4.3--October zonally-averaged mean sea-surface temperature in deg C, as found from the data of Fig. 3.3

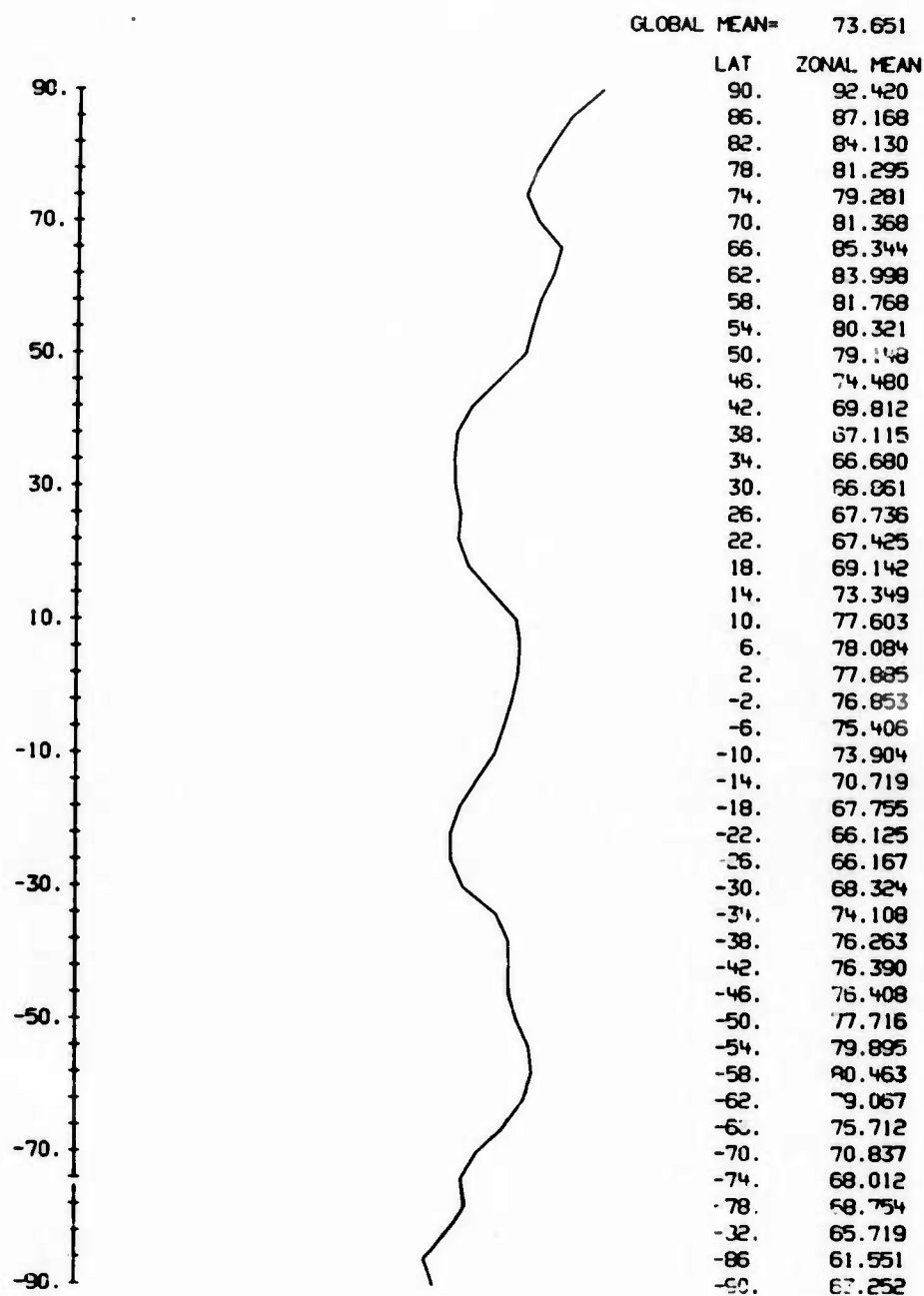


Fig. 4.4--October zonally-averaged mean surface relative humidity in percent, as found from the data of Fig. 3.4.

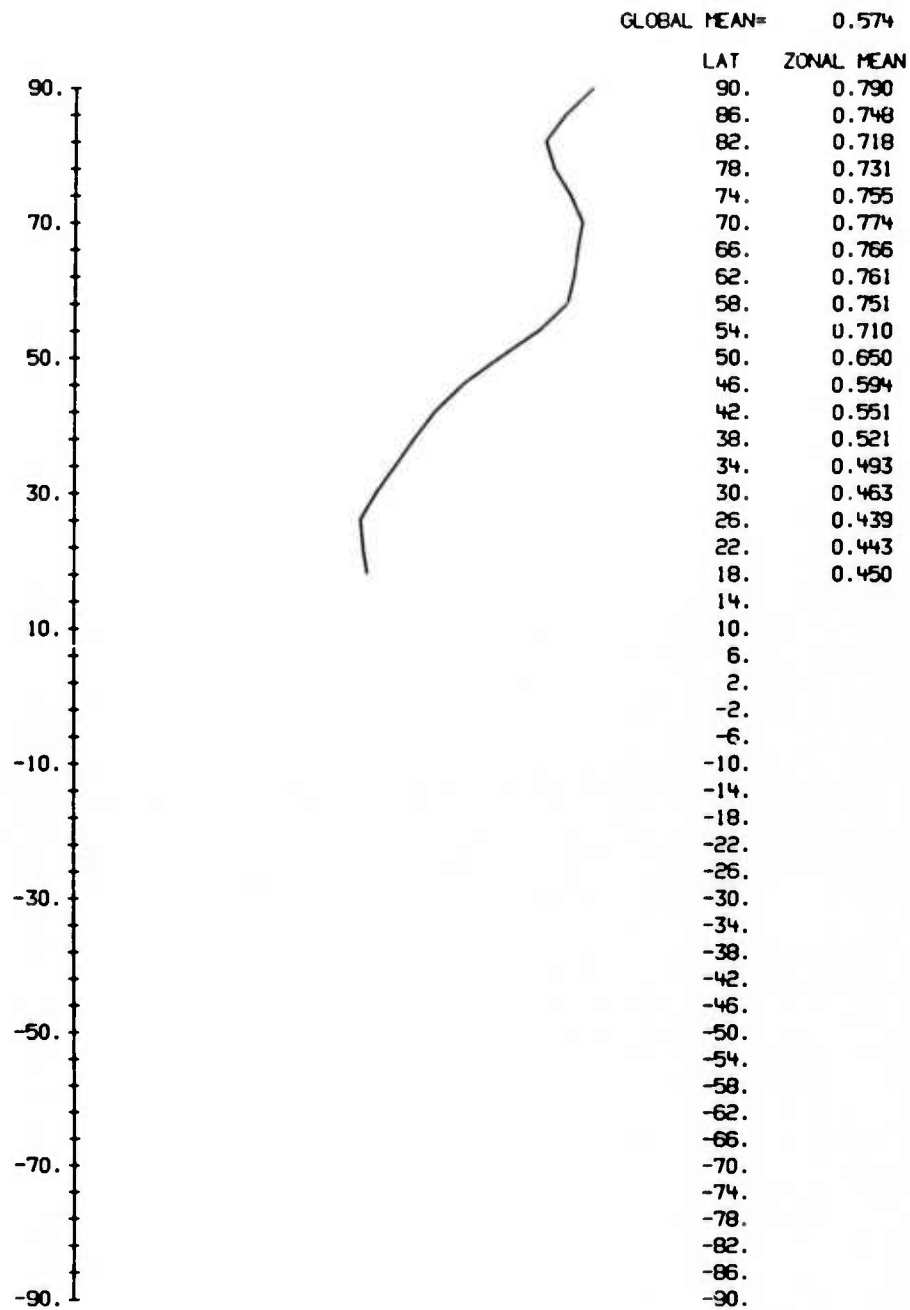


Fig. 4.5A--October zonally-averaged mean northern hemisphere total cloud cover in tenths of the sky covered, as found from the data of Fig. 3.5A.



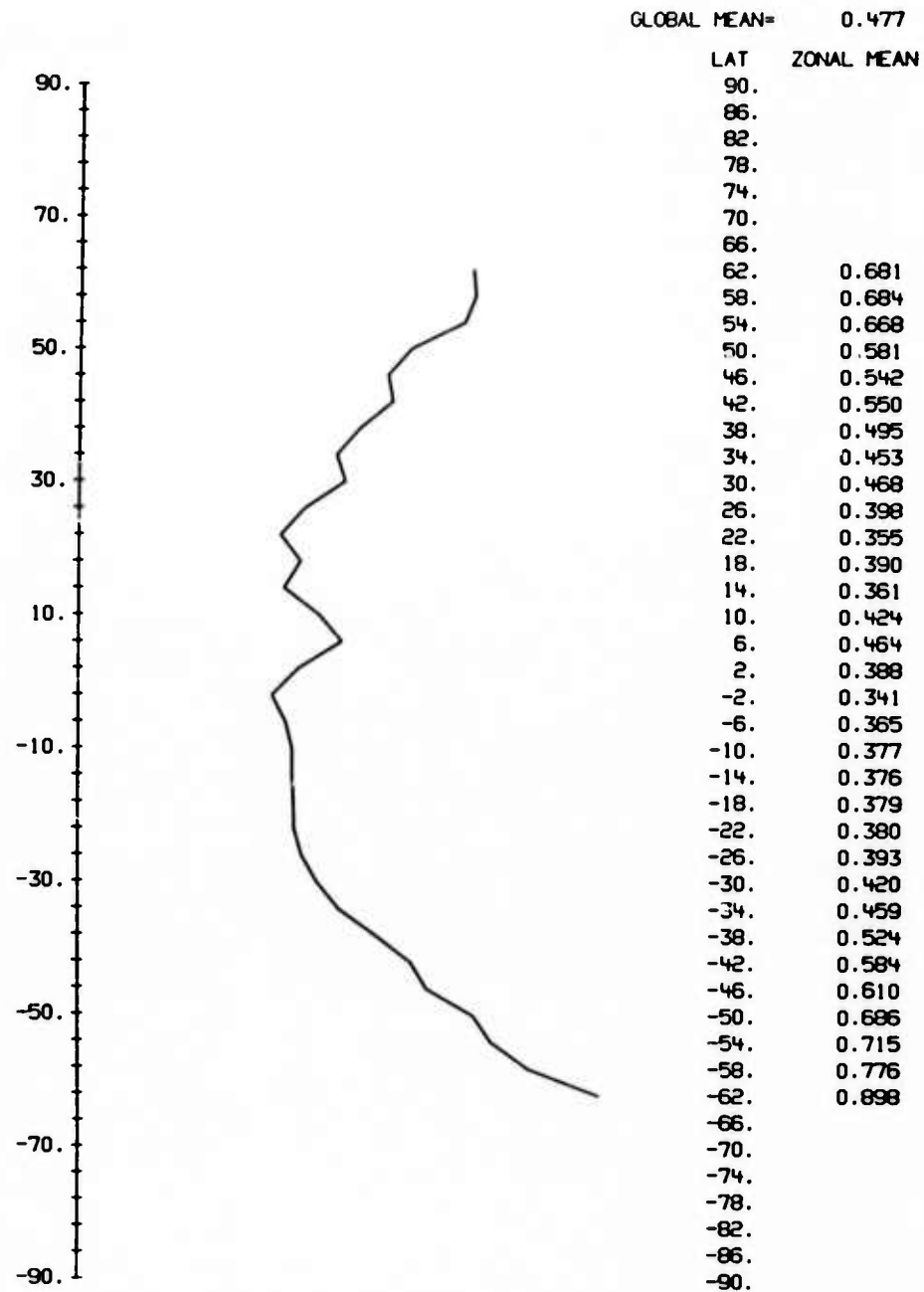


Fig. 4.5B--October zonally-averaged mean global total cloud cover in tenths of the sky covered, as found from the data of Fig. 3.5B.

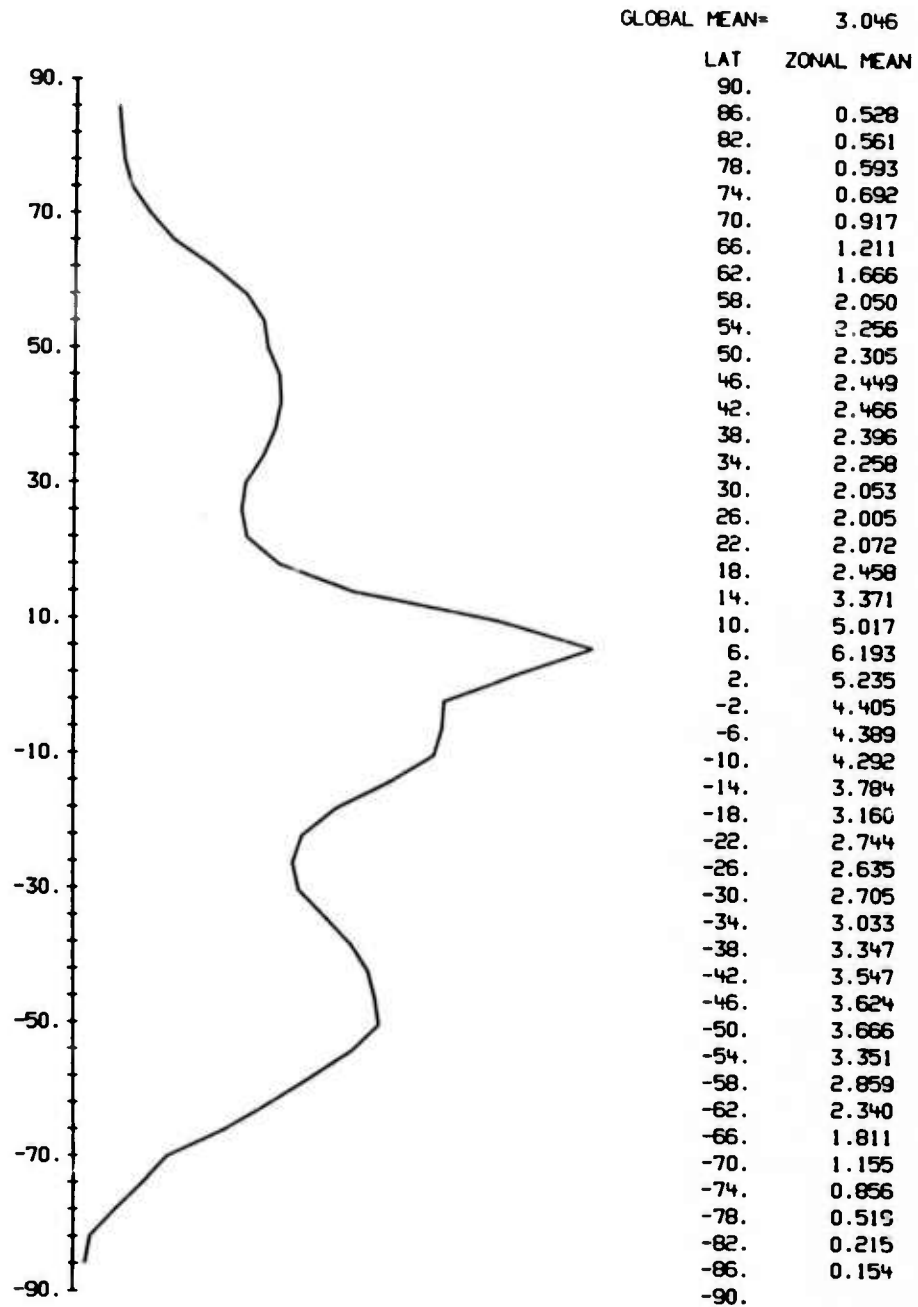


Fig. 4.6A--Zonally-averaged mean annual precipitation in mm/day, as found from the data of Fig. 3.6A.

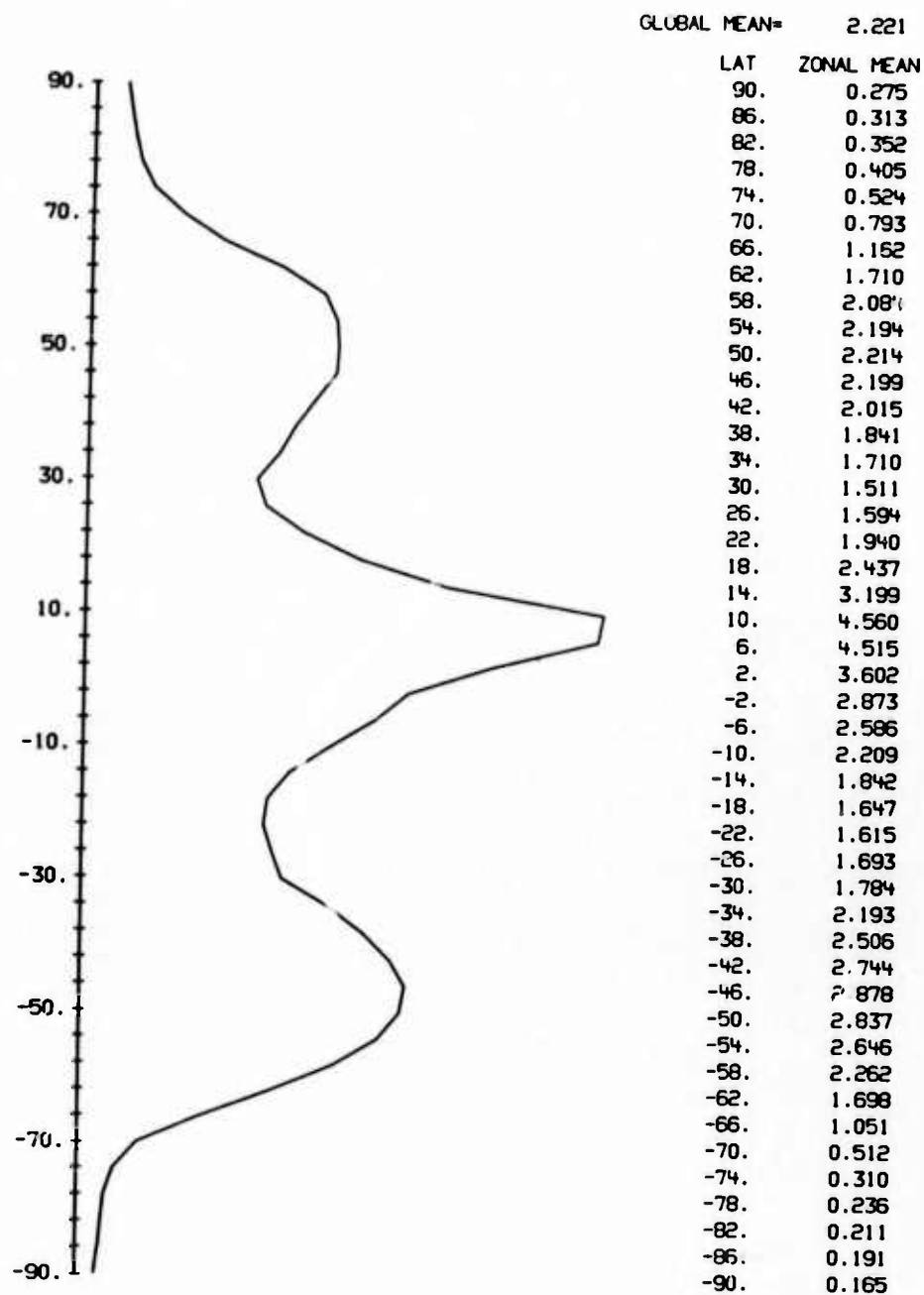


Fig. 4.6B--September-October-November zonally-averaged mean precipitation in mm/day, as found from the data of Fig. 3.6B.

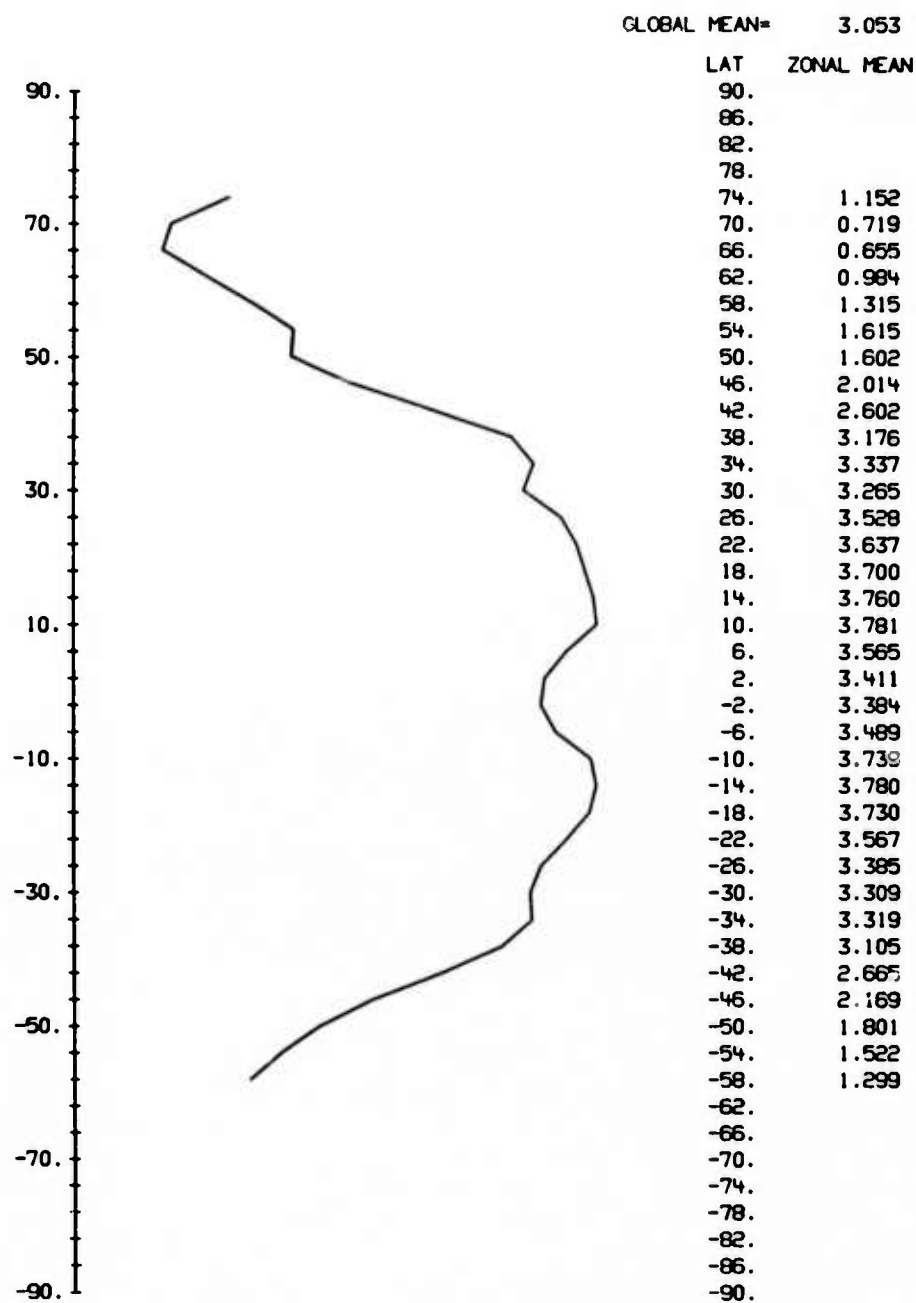


Fig. 4.7--October zonally-averaged mean surface evaporation in mm/day, as found from the data of Fig. 3.7.



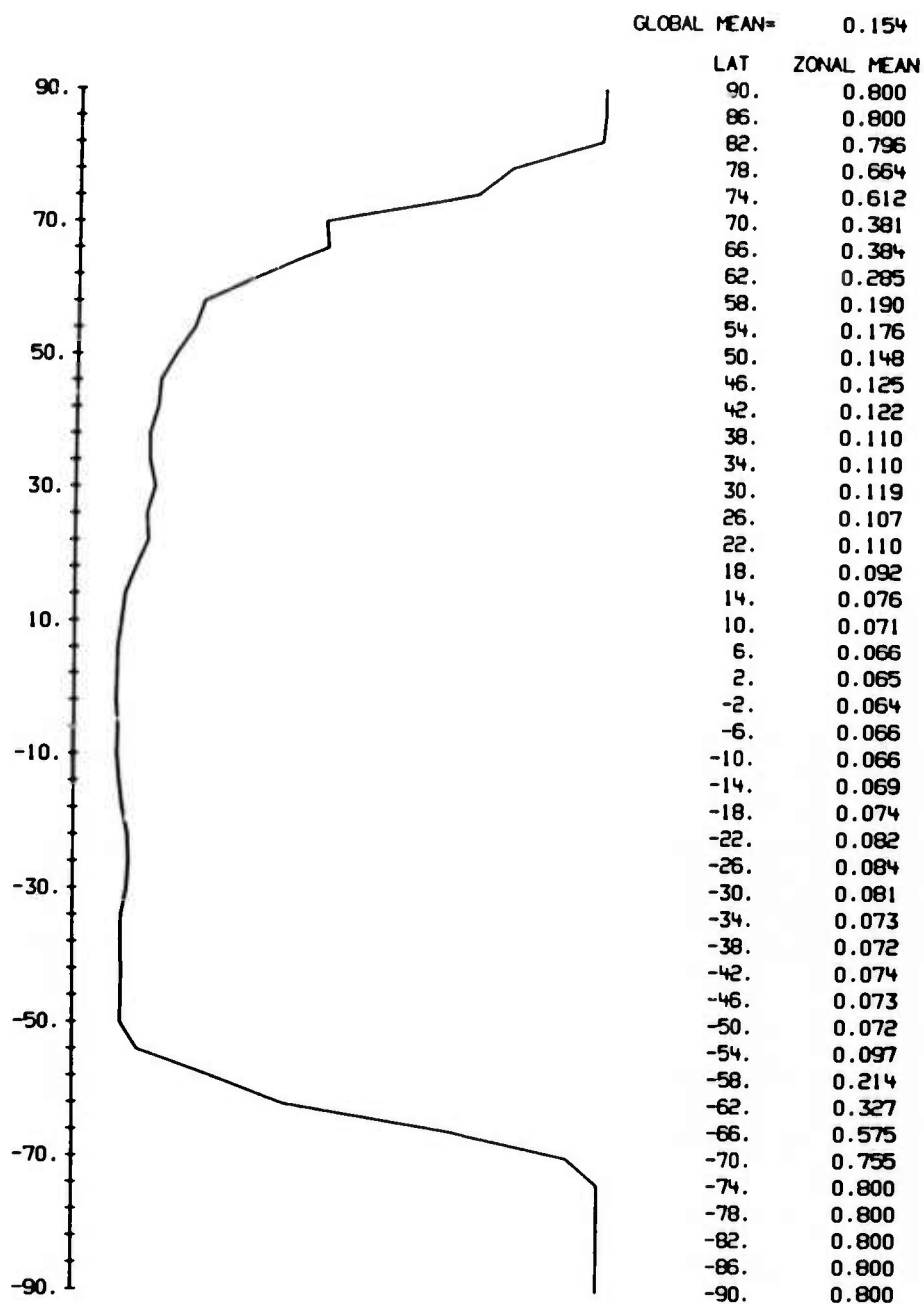


Fig. 4.8A--October zonally-averaged mean surface albedo, in fractions, as found from the data of Fig. 3.8A.

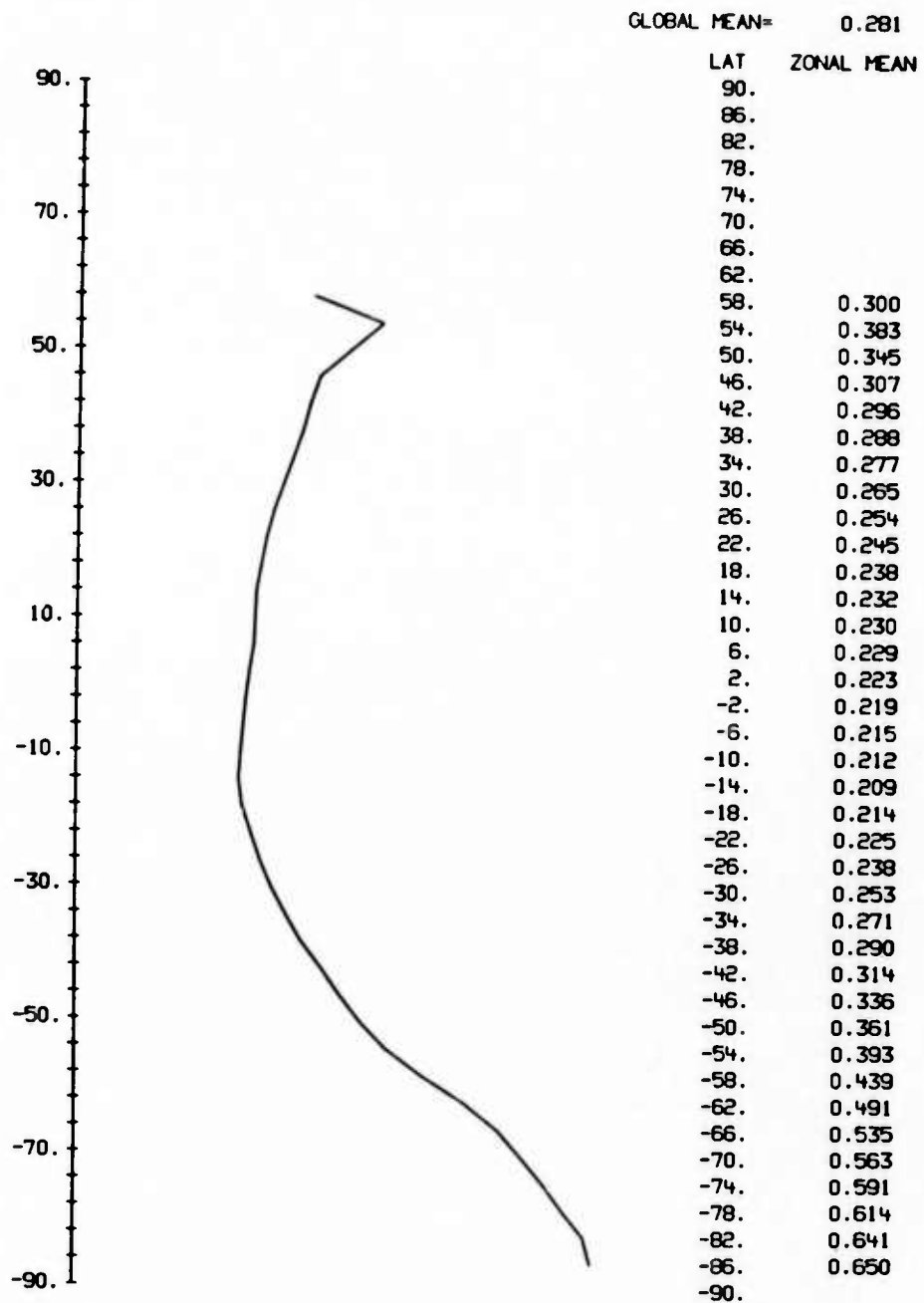


Fig. 4.8B--September-October-November zonally-averaged mean planetary albedo, in fractions, as found from the data of Fig. 3.8B.

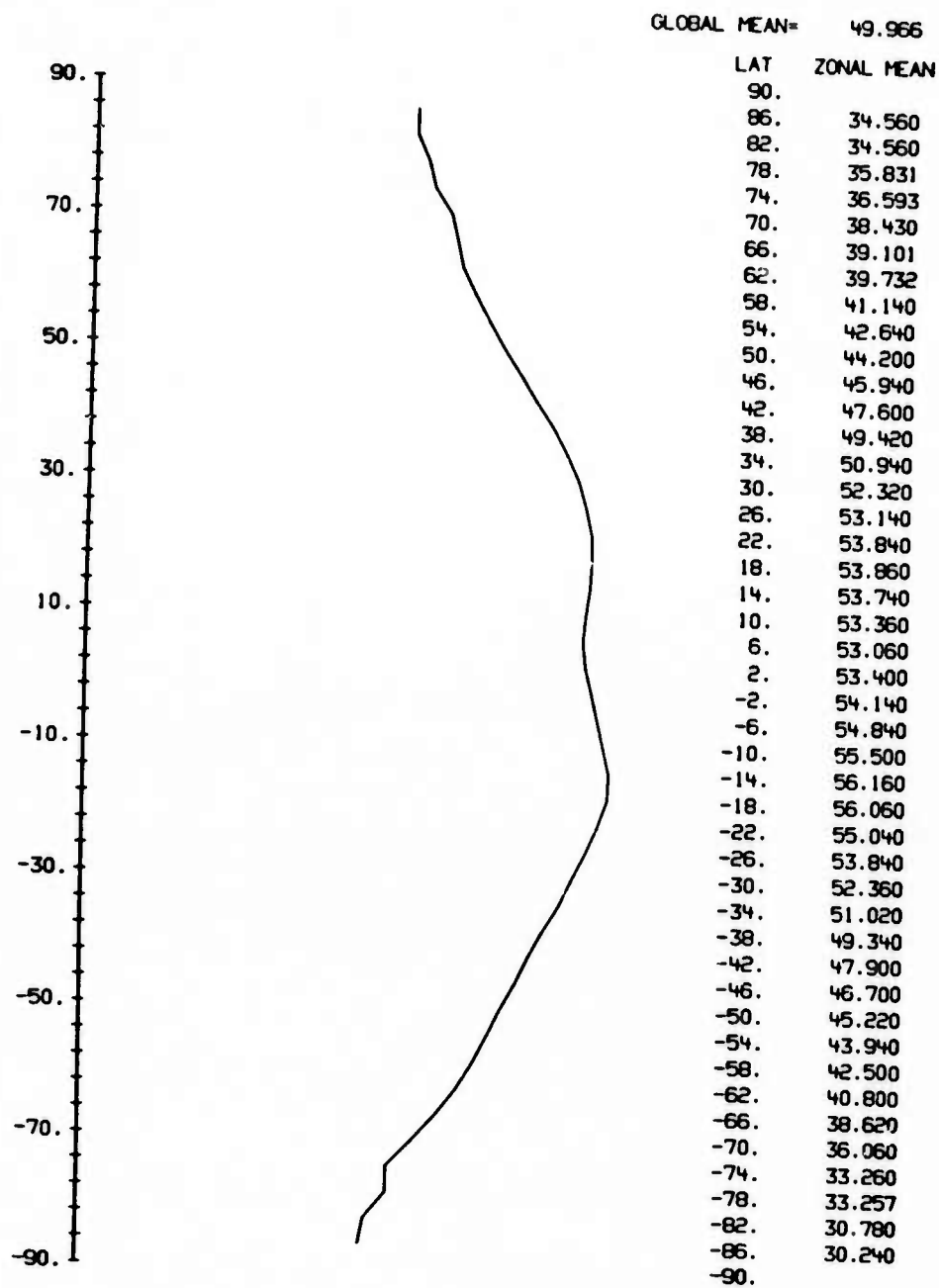


Fig. 4.8C--September-October-November zonally-averaged mean outgoing longwave radiation, in  $10^2$  ly/day, as found from the data of Fig. 3.8C.

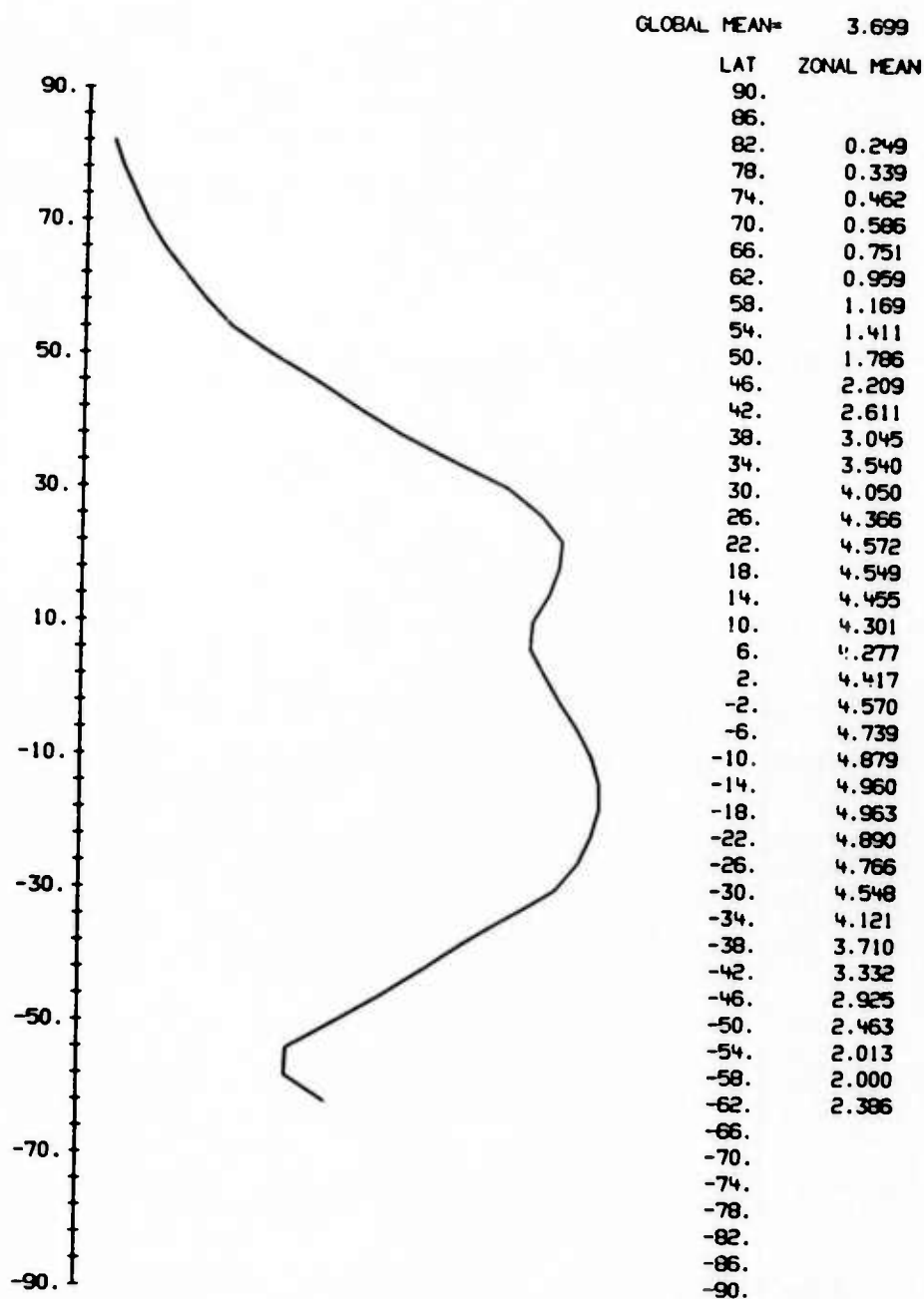


Fig. 4.8D--October zonally-averaged mean solar radiation received at the surface in  $10^2$  ly/day, as found from the data of Fig. 3.8D.



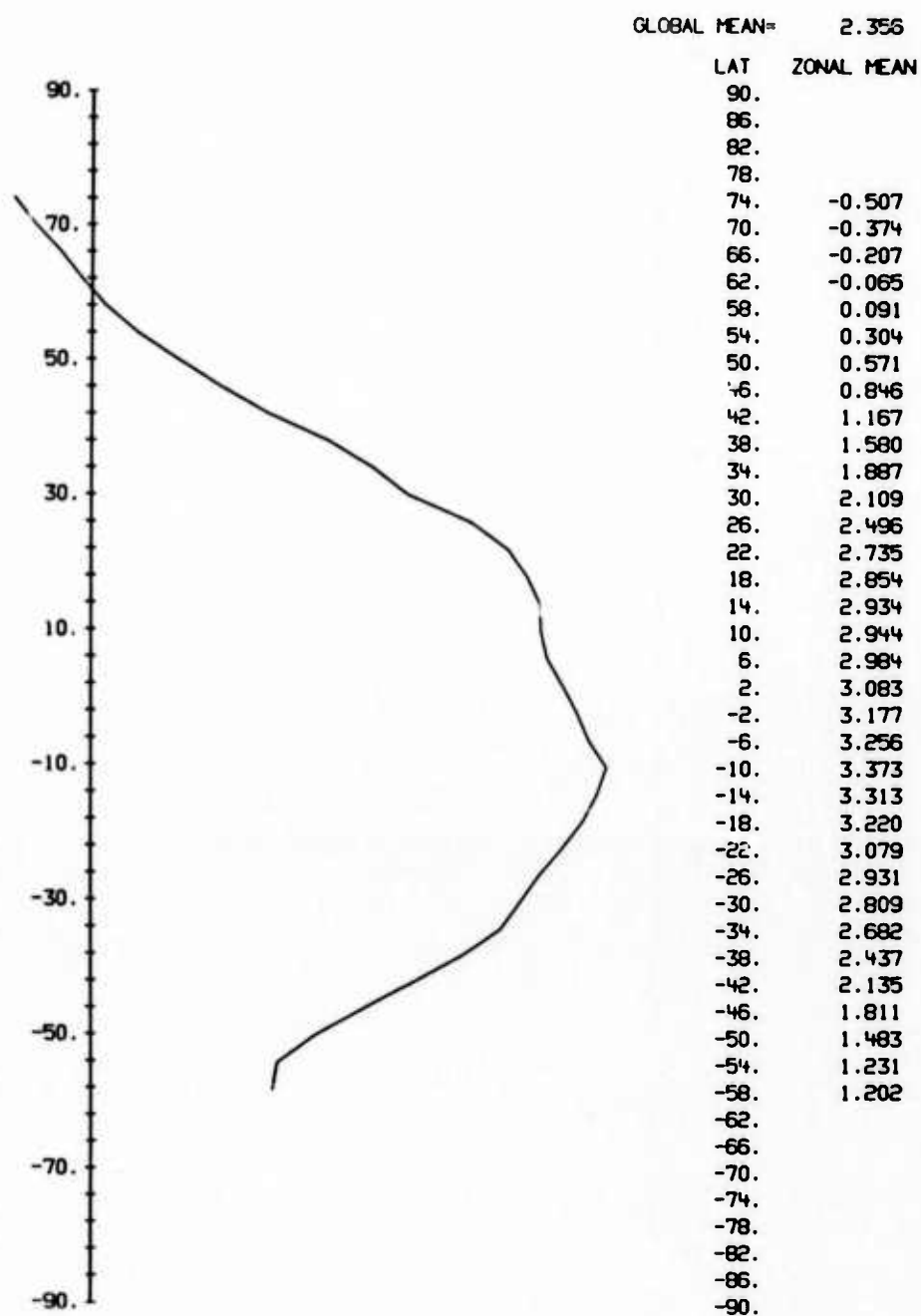


Fig. 4.9--October zonally-averaged mean radiation balance at the surface in  $10^2$  ly/day, as found from the data of Fig. 3.9.

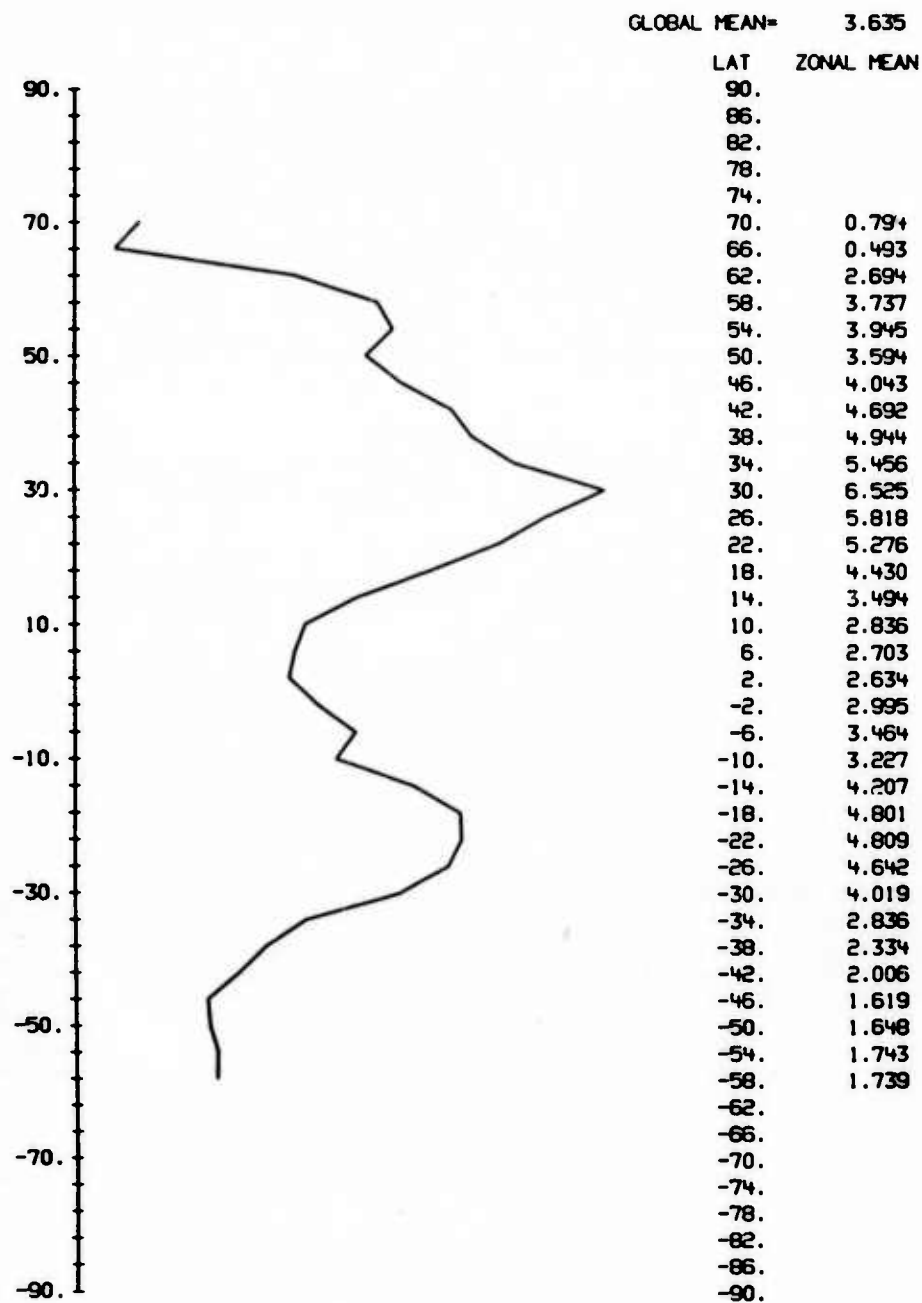


Fig. 4.10--October zonally-averaged mean sensible heat flux at the surface in 10 ly/day, as found from the data of Fig. 3.10.

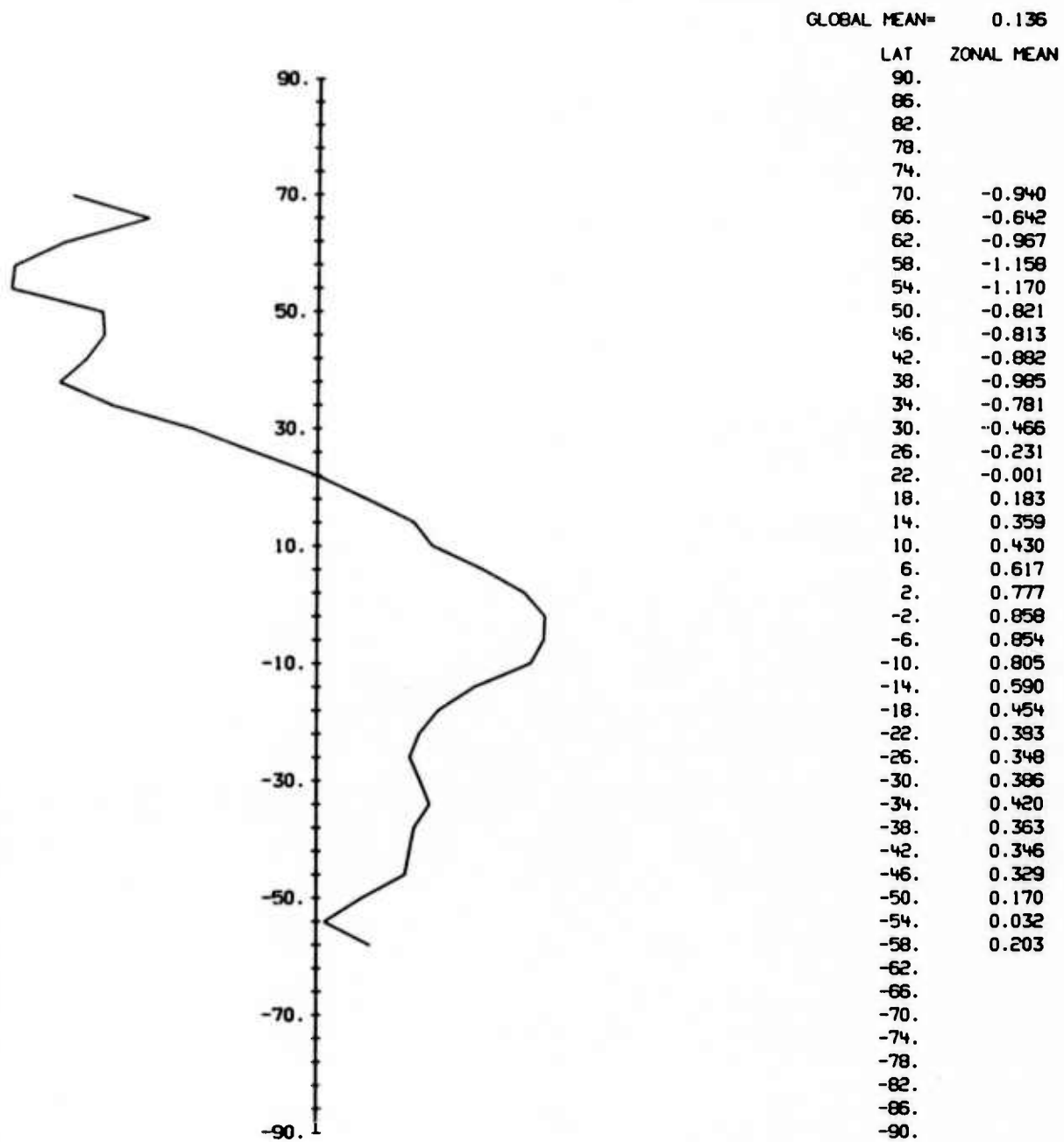


Fig. 4.11--October zonally-averaged mean total surface heat balance at the surface in  $10^2$  ly/day, as found from the data of Fig. 3.11.

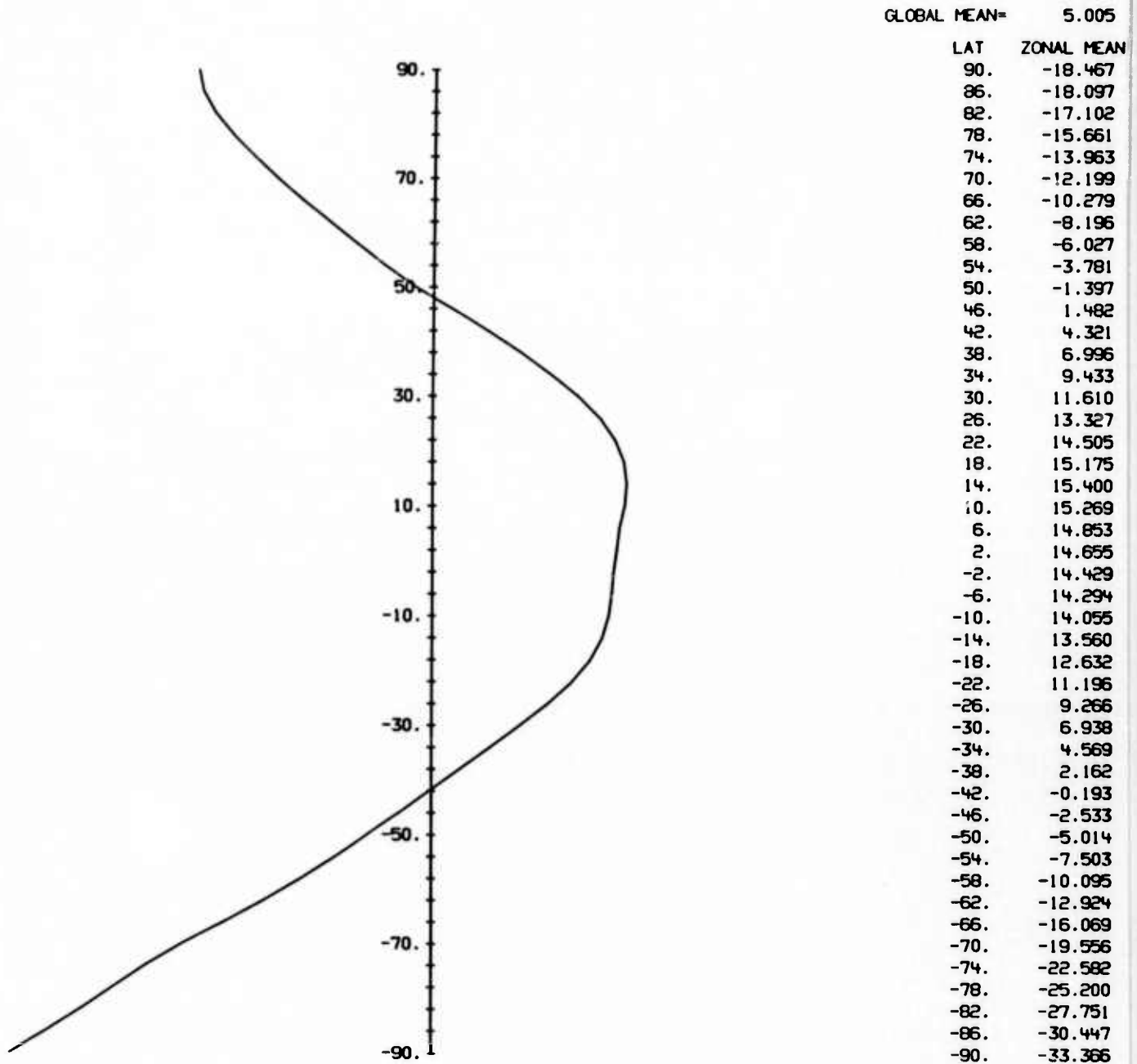


Fig. 4.12--October zonally-averaged mean temperature at 800 mb in deg C, as found from the data of Fig. 3.12.



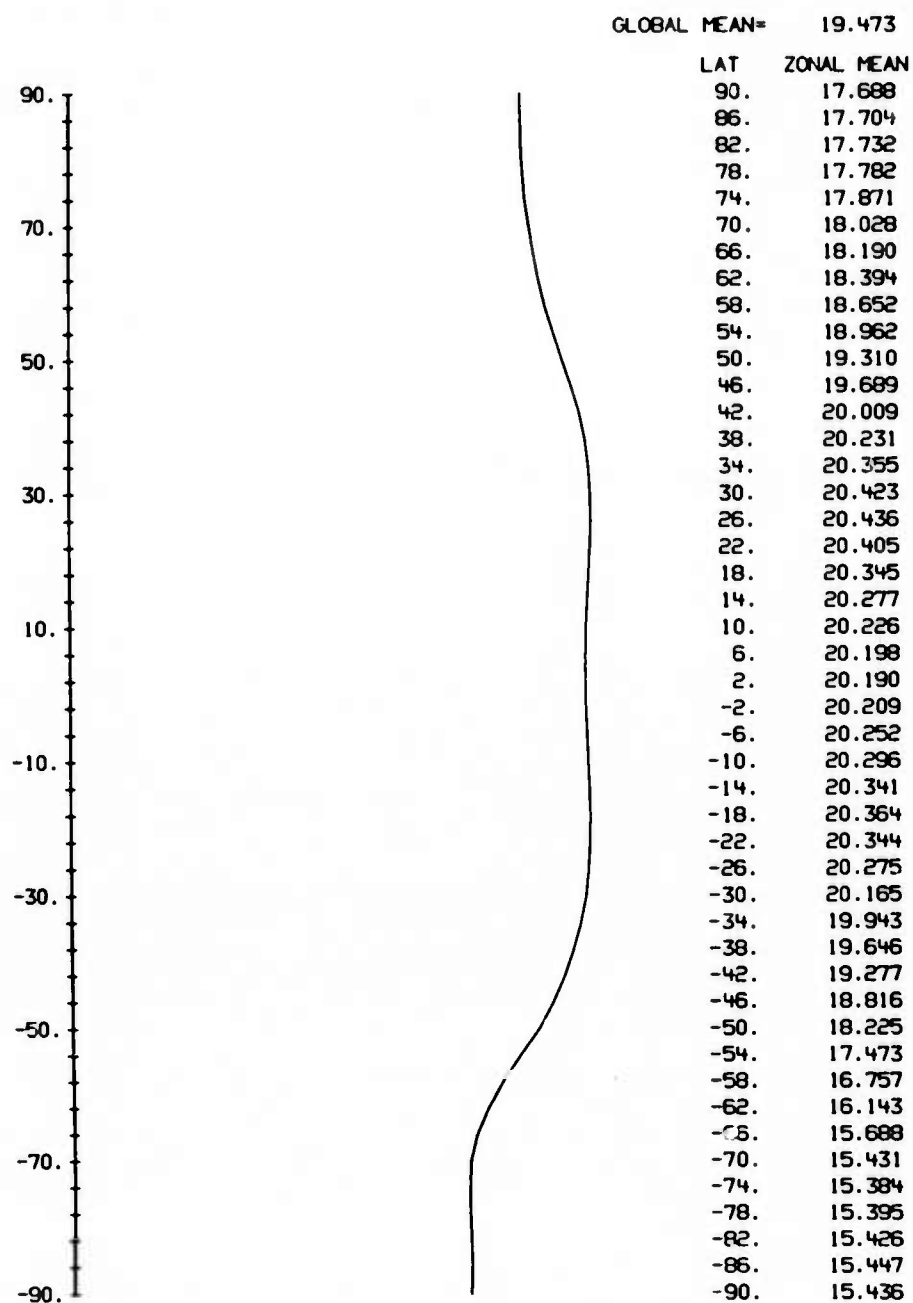


Fig. 4.13--October zonally-averaged mean geopotential height at 800 mb in  $10^2$  m, as found from the data of Fig. 3.13.

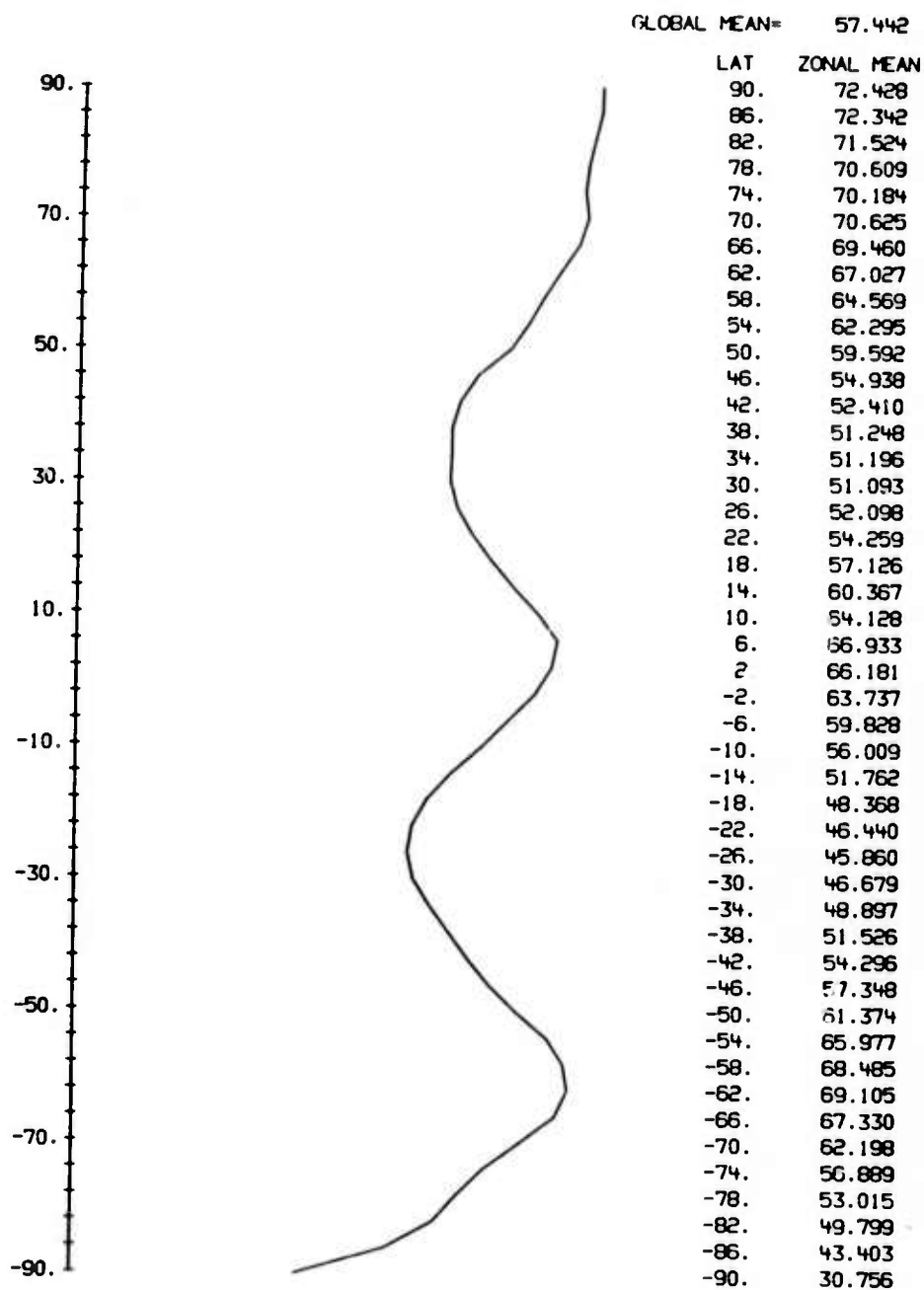


Fig. 4.14--October zonally-averaged mean relative humidity at 800 mb in percent, as found from the data of Fig. 3.14.

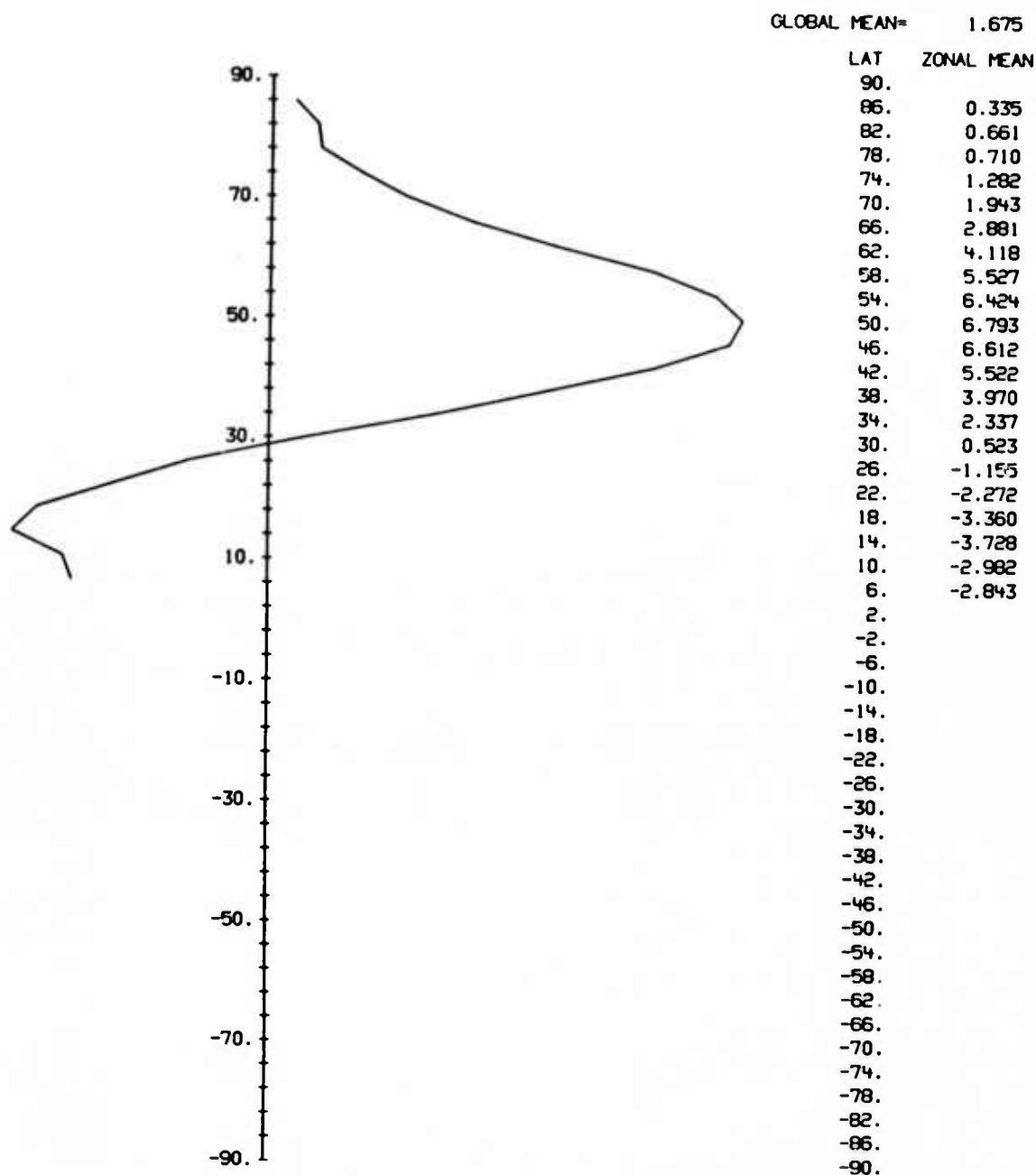


Fig. 4.15--September-October-November zonally-averaged mean zonal wind at 800 mb (northern hemisphere only) in  $\text{m sec}^{-1}$ , as found from the data of Fig. 3.15. A positive value denotes wind *toward* the east. The value for  $90^\circ \text{S}$  is fictitious, and the remaining values apply at latitudes 2 deg south of the indicated scale.

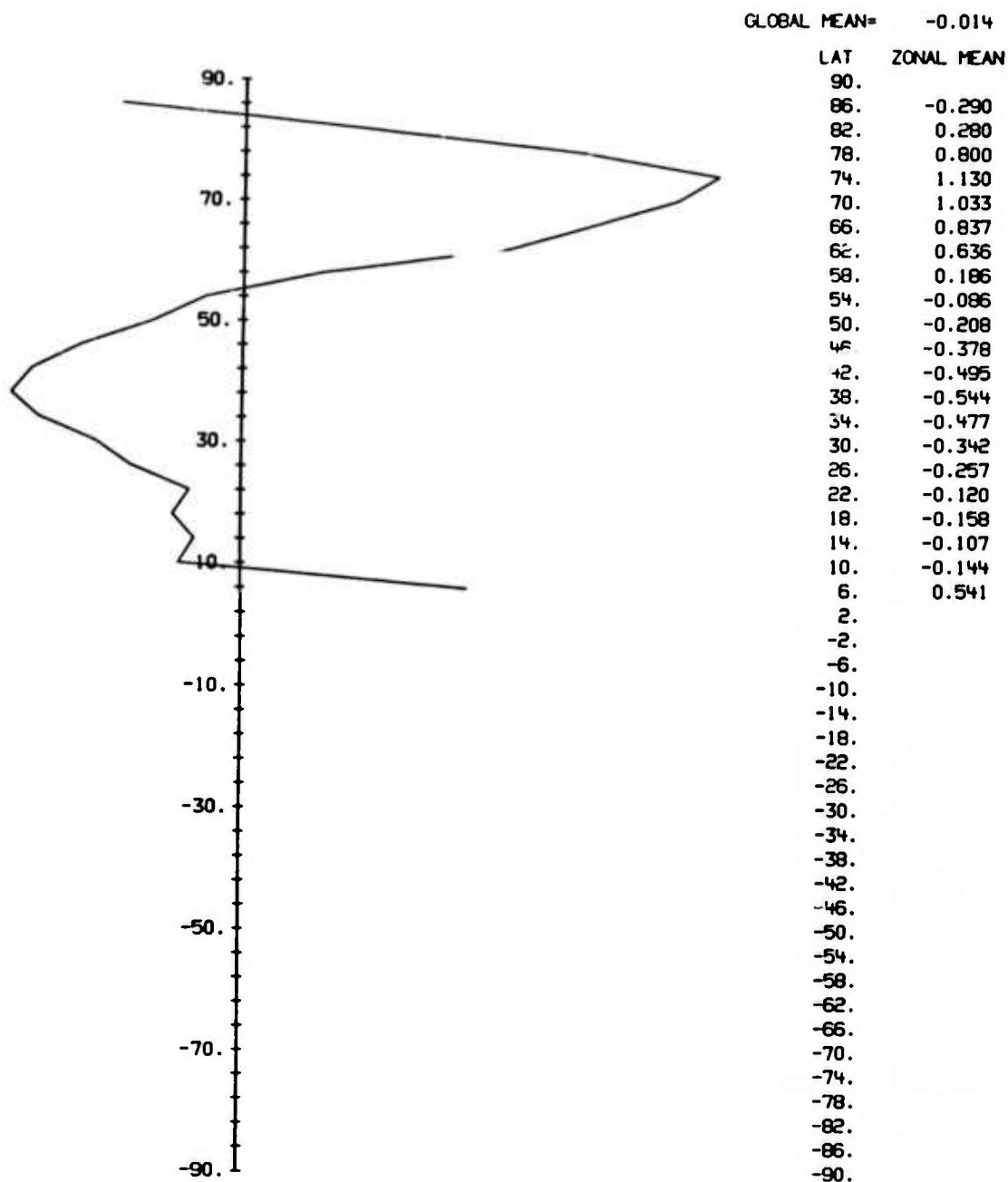


Fig. 4.16--September-October-November zonally-averaged mean meridional wind at 800 mb (northern hemisphere only) in  $\text{m sec}^{-1}$ , as found from the data of Fig. 3.16. A positive value denotes wind *toward* the north. The value for  $90^\circ \text{ S}$  is fictitious, and the remaining values apply at latitudes 2 deg south of the indicated scale.



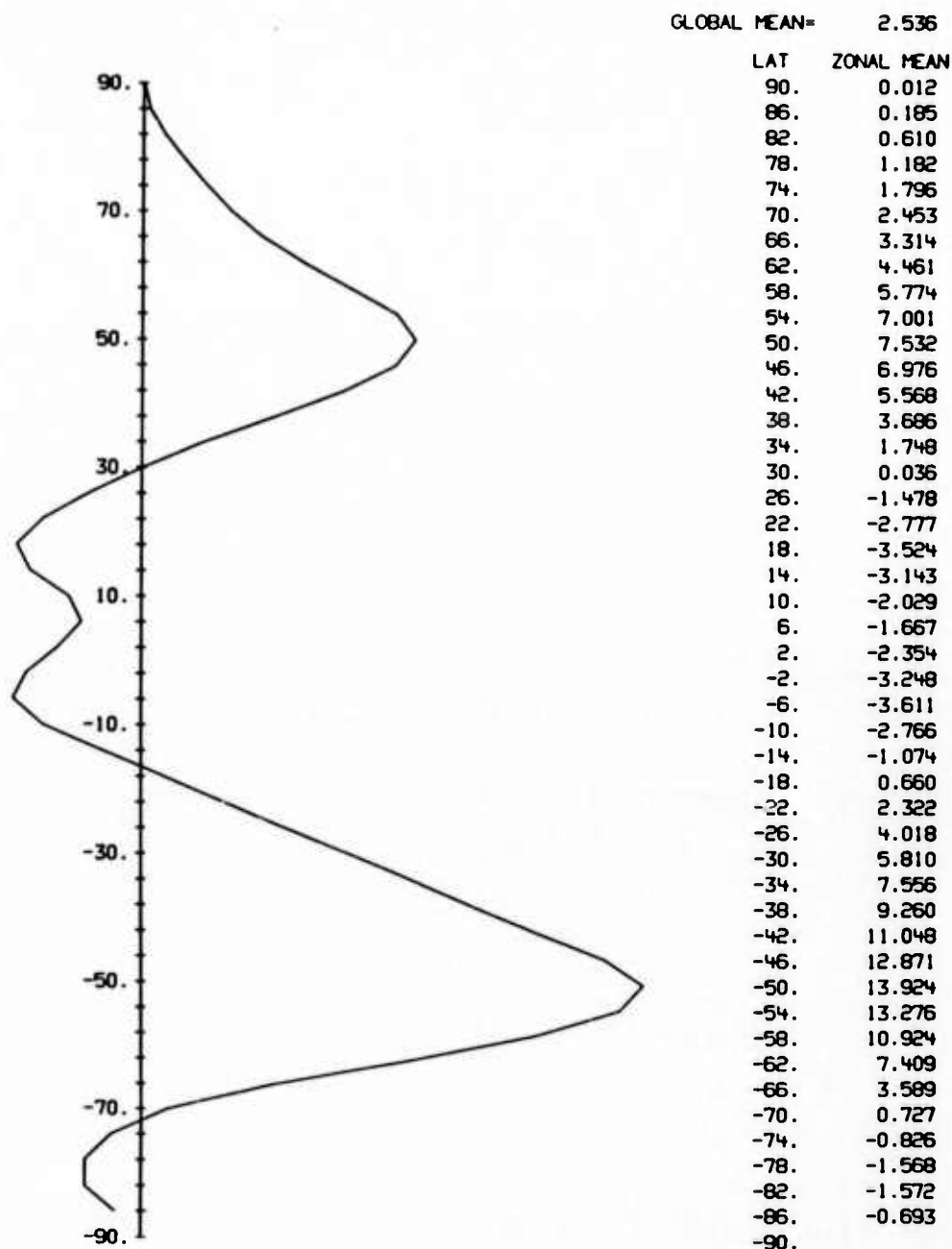


Fig. 4.17--October zonally-averaged mean zonal geostrophic wind at 800 mb in the  $\text{m sec}^{-1}$ , as found from the data of Fig. 3.17. A positive value denotes wind *toward* the east. The value for  $90^\circ \text{ S}$  is fictitious, and the remaining values apply at latitudes 2 deg south of the indicated scale.

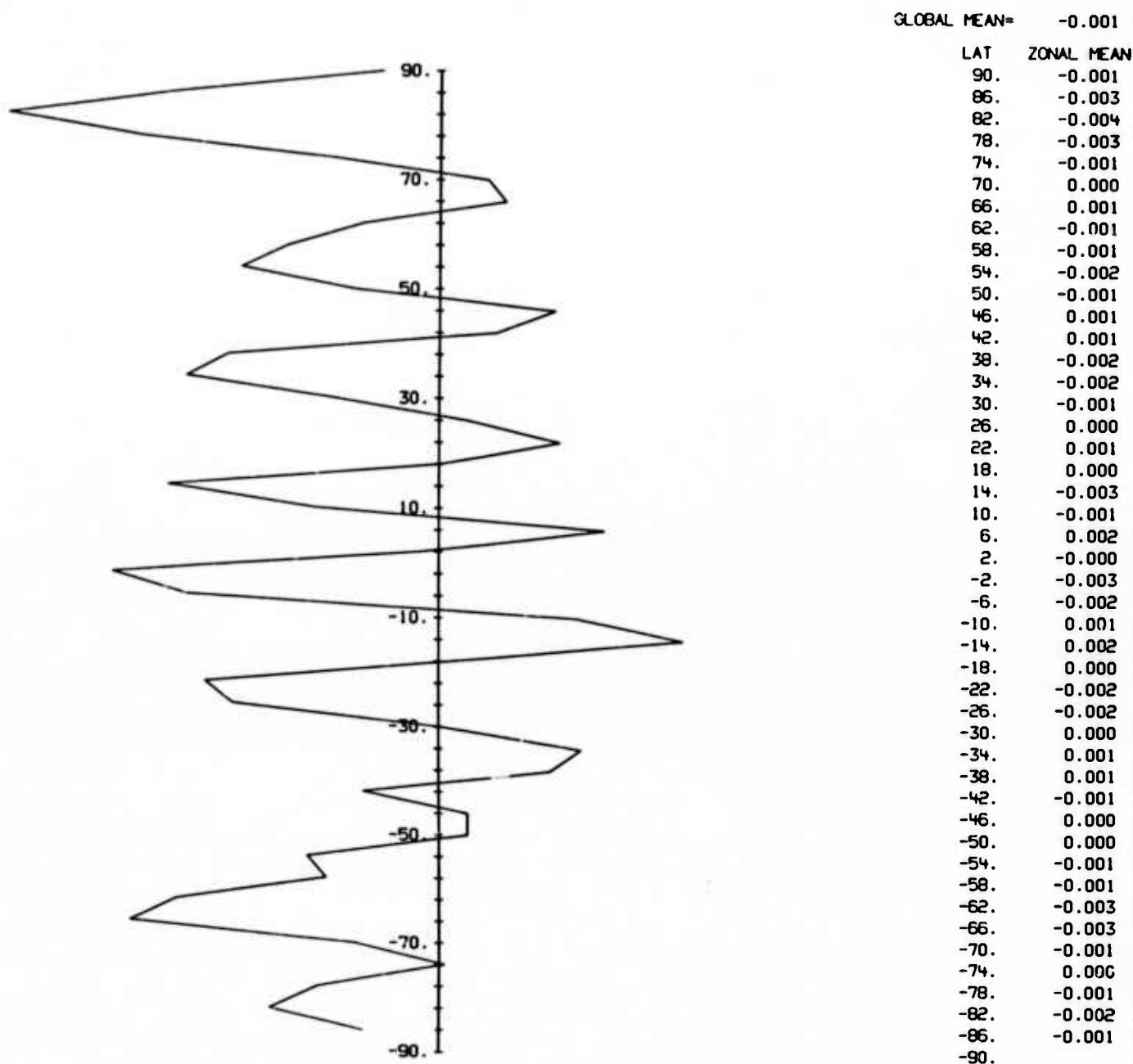


Fig. 4.18--October zonally-averaged mean meridional geostrophic wind at 800 mb in  $\text{m sec}^{-1}$ , as found from the data of Fig. 3.18. Variations in the curve reflect only round-off error in the averaging process, and should be identically ZERO.

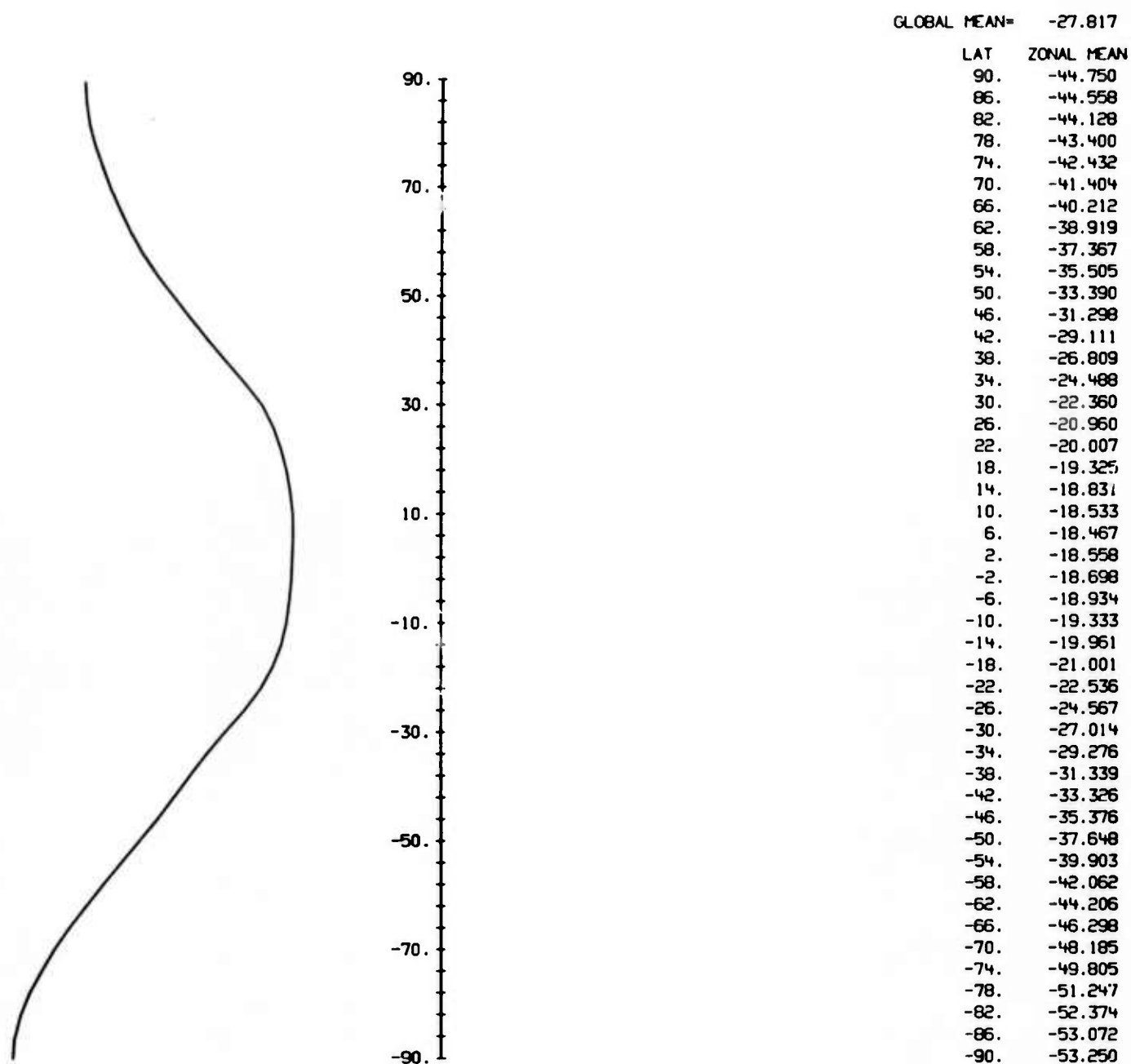


Fig. 4.19--October zonally-averaged mean temperature at 400 mb in deg C, as found from the data of Fig. 3.19.

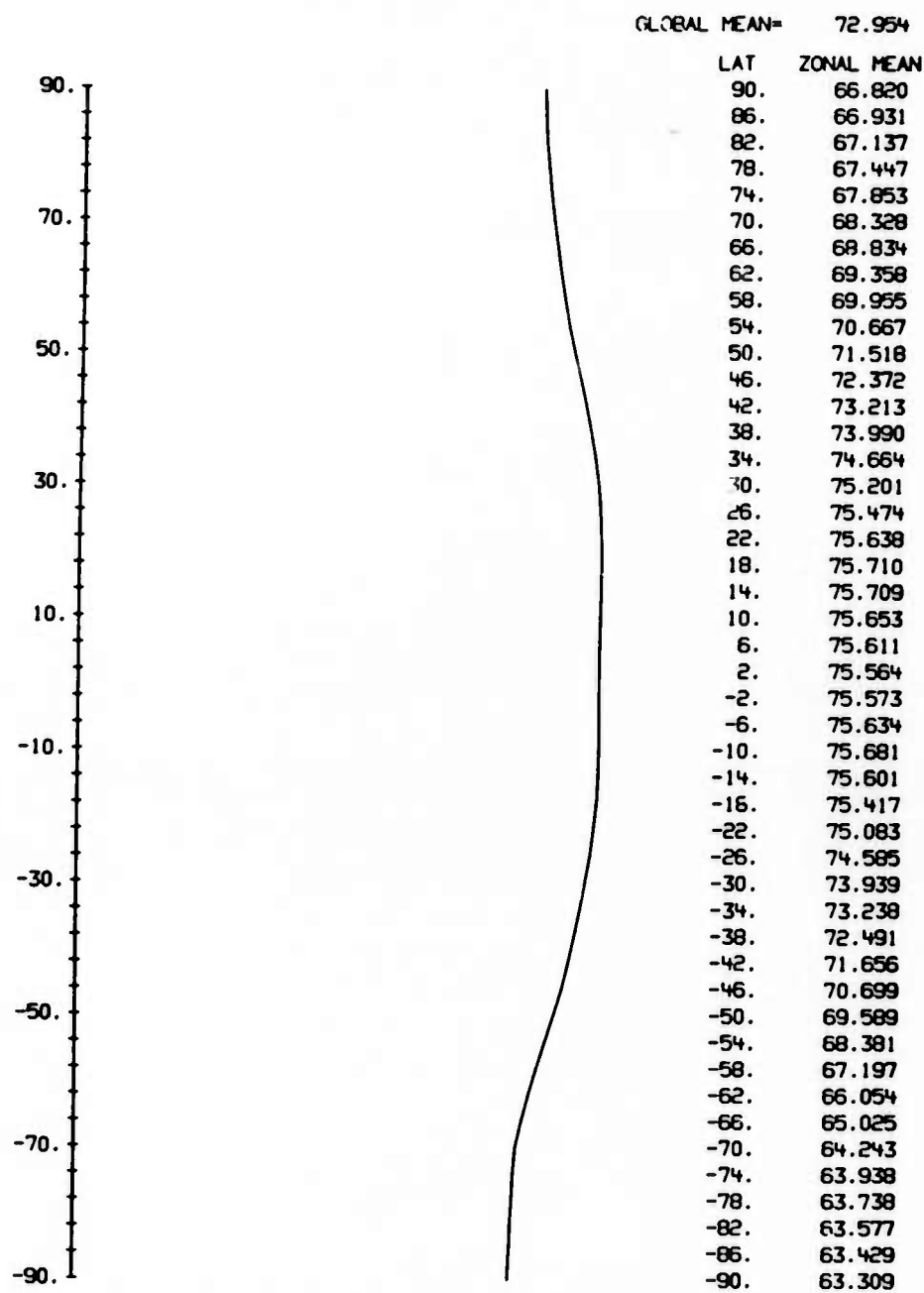


Fig. 4.20--October zonally-averaged mean geopotential height at 400 mb in  $10^2$  m, as found from the data of Fig. 3.20.

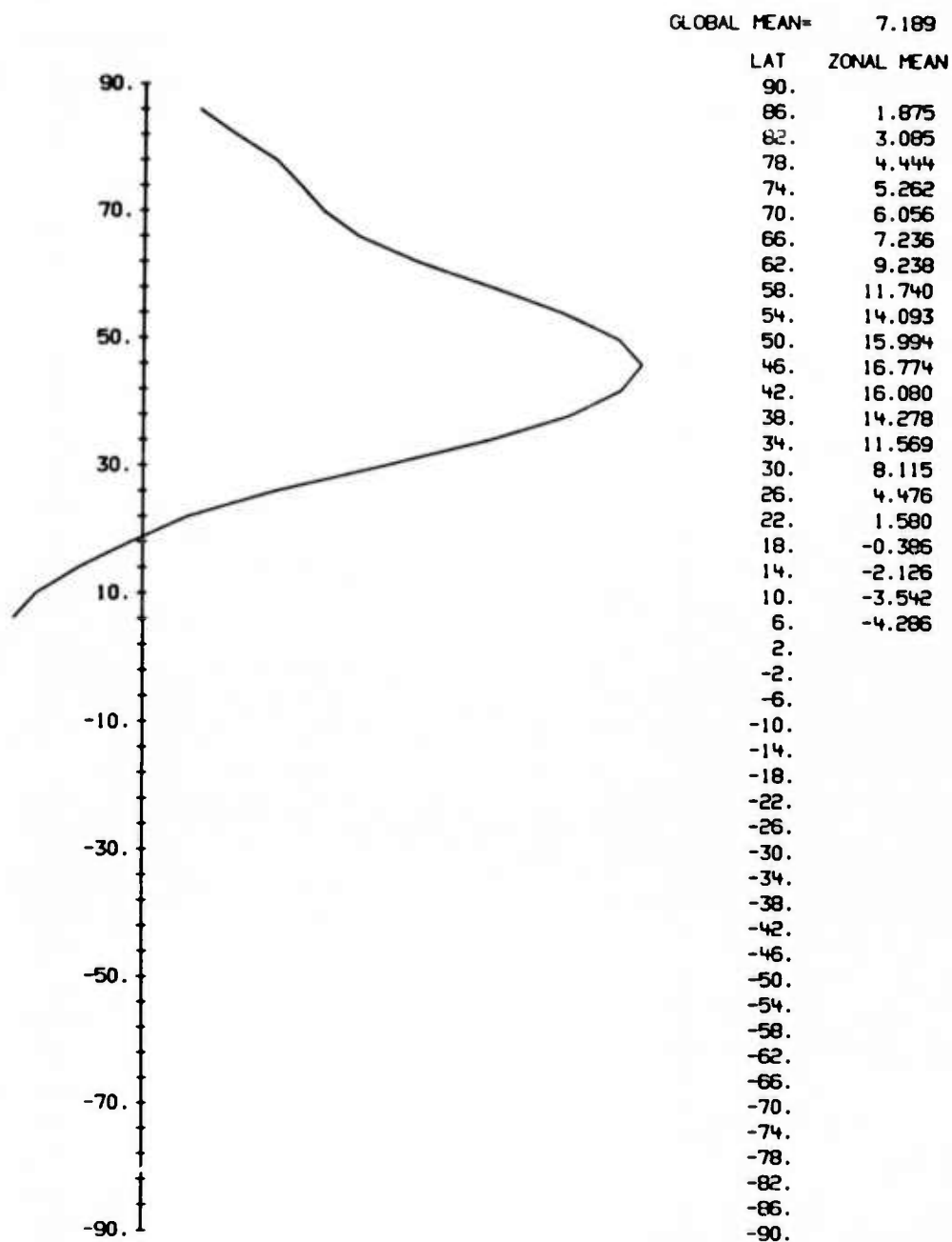


Fig. 4.21--September-October-November zonally-averaged mean zonal wind at 400 mb (northern hemisphere only) in  $\text{m sec}^{-1}$ , as found from the data of Fig. 3.21. A positive value denotes wind *toward* the east. The value for  $90^\circ \text{S}$  is fictitious, and the remaining values apply at latitudes 2 deg south of the indicated scale.



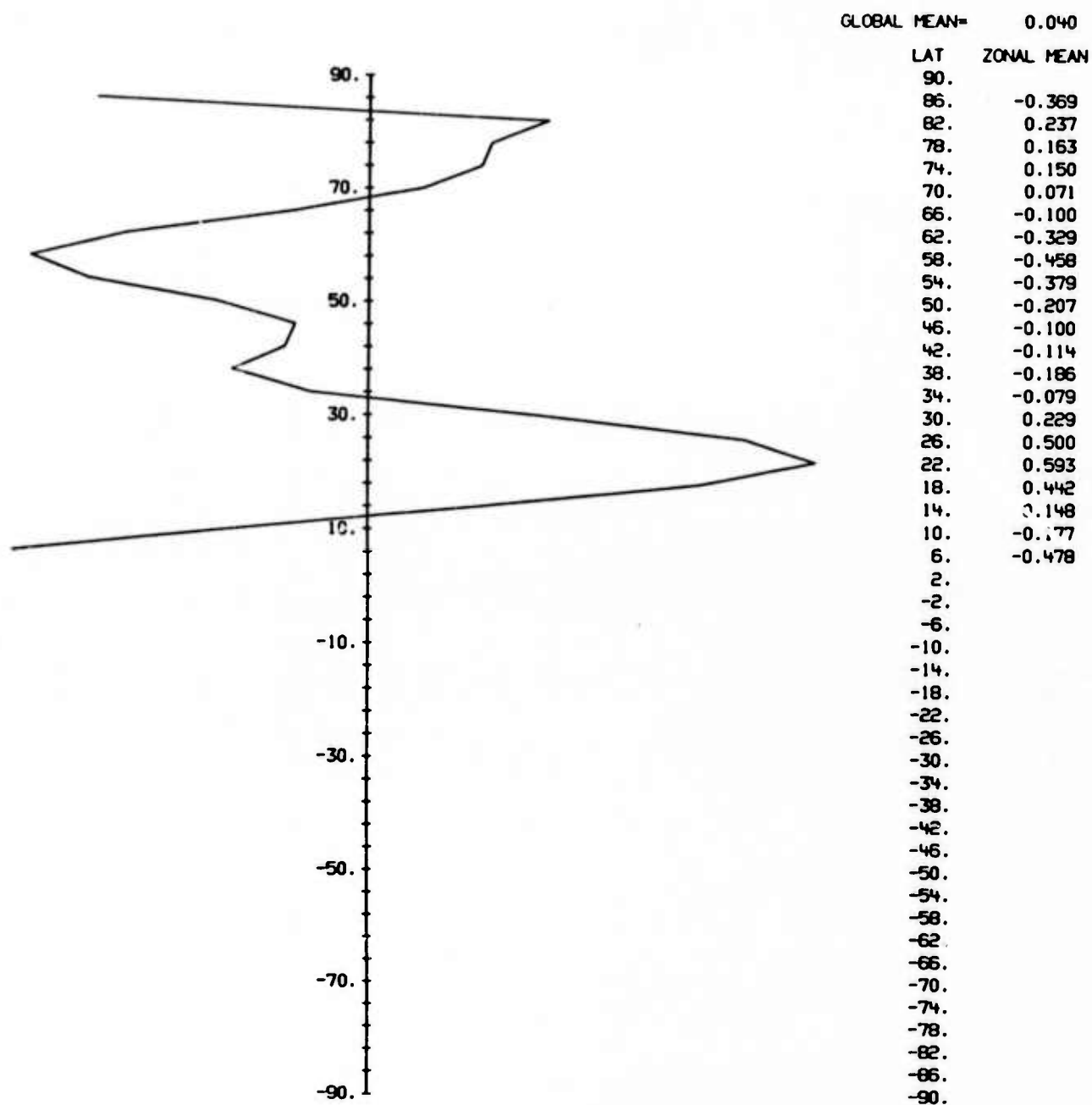


Fig. 4.22--September-October-November zonally-averaged mean meridional wind at 400 mb (northern hemisphere only) in m sec<sup>-1</sup>, as found from the data of Fig. 3.22. A positive value denotes wind *toward* the north. The value for 90° S is fictitious, and the remaining values apply at latitudes 2 deg south of the indicated scale.

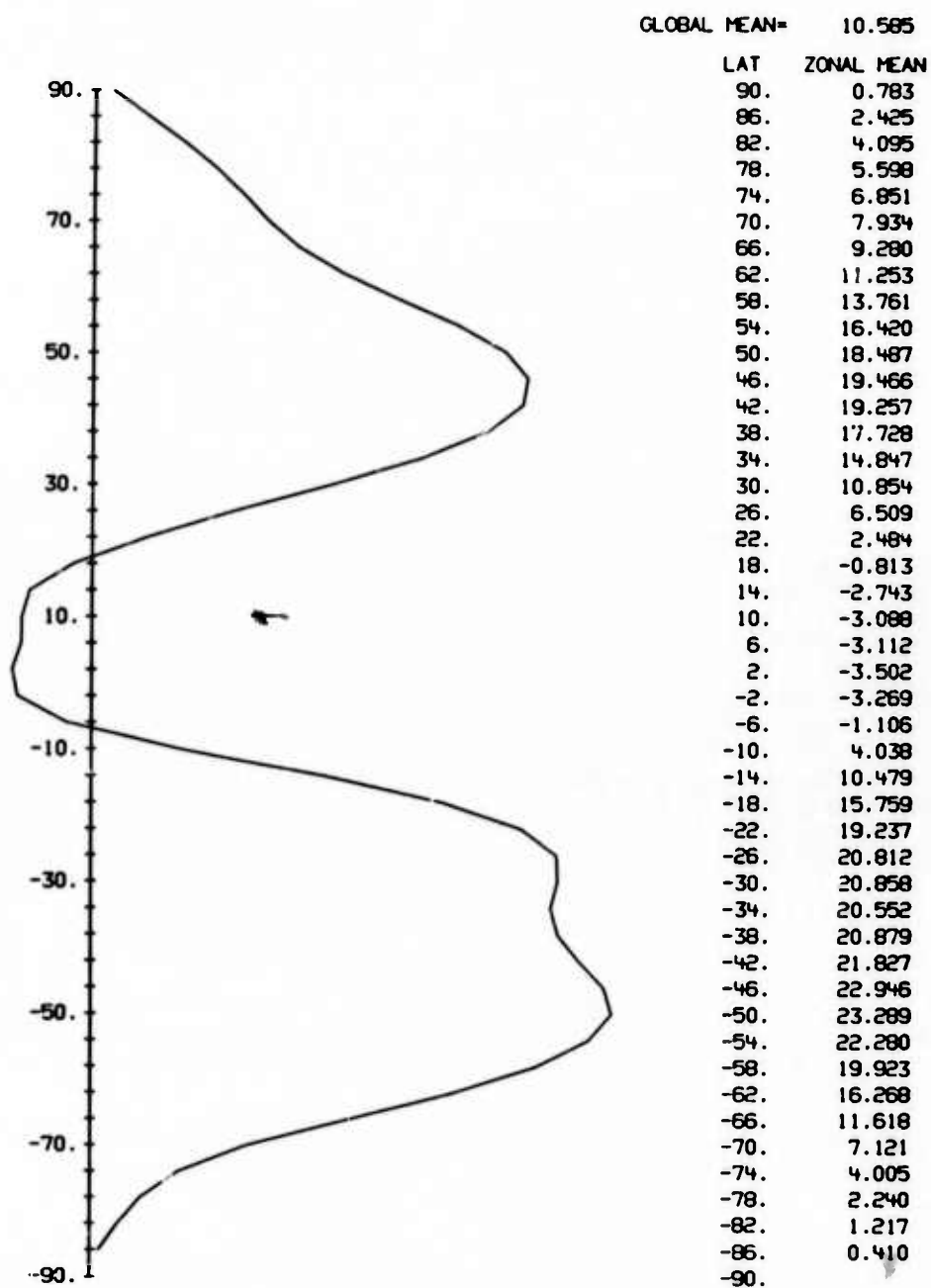


Fig. 4.23--October zonally-averaged mean zonal geostrophic wind at 400 mb in  $\text{m sec}^{-1}$ , as found from the data of Fig. 3.23. A positive value denotes wind *toward* the east. The value at  $90^\circ \text{ S}$  is fictitious, and the remaining values apply at latitudes 2 deg south of the indicated scale.

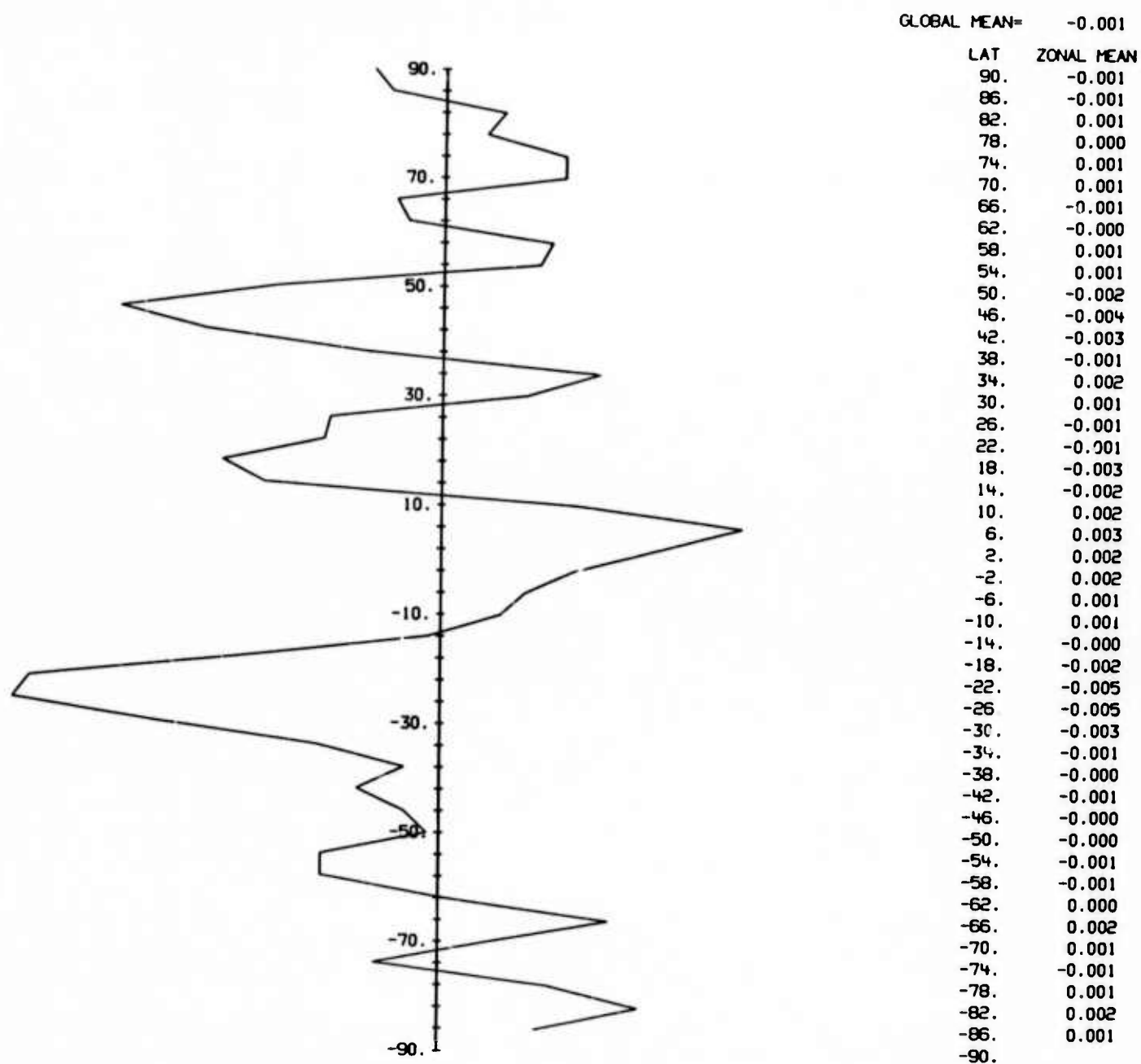


Fig. 4.24--October zonally-averaged mean meridional geostrophic wind at 400 mb in  $\text{m sec}^{-1}$ , as found from the data of Fig. 3.24. Variations in the curve reflect only round-off error in the averaging process, and should be identically ZERO.

5. GLOBAL DATA TABULATIONS

Table 5.1

OCTOBER SEA-LEVEL PRESSURE (mb)																		
	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0
86N	1014.6	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0
82N	1014.2	1014.7	1014.7	1014.7	1014.7	1014.7	1014.7	1014.7	1014.7	1014.4	1014.2	1013.9	1013.6	1013.3	1012.8	1012.5	1012.2	1011.9
78N	1013.6	1013.9	1013.9	1013.7	1013.7	1013.7	1013.7	1013.7	1013.9	1013.6	1013.6	1013.3	1012.8	1012.5	1011.8	1011.3	1010.8	1010.5
74N	1012.8	1012.9	1012.4	1011.9	1011.8	1011.7	1011.6	1011.8	1012.4	1012.8	1013.0	1013.0	1012.5	1012.5	1011.5	1011.2	1010.8	1010.2
70N	1012.0	1011.5	1010.0	1009.5	1009.0	1008.5	1008.0	1009.0	1010.0	1012.0	1013.0	1013.0	1012.5	1012.0	1011.5	1012.0	1012.0	1011.0
66N	1009.6	1008.7	1006.8	1005.1	1005.0	1004.5	1004.8	1006.6	1008.4	1010.8	1012.6	1012.6	1012.1	1011.6	1011.9	1012.4	1012.6	1012.2
62N	1005.4	1004.4	1003.9	1003.1	1003.1	1002.6	1002.8	1004.2	1005.5	1009.3	1012.2	1012.2	1011.7	1011.8	1012.6	1013.4	1012.8	1012.8
58N	1003.2	1002.6	1002.9	1002.9	1002.9	1002.6	1003.4	1005.1	1008.5	1011.4	1012.0	1012.1	1013.0	1014.0	1014.6	1014.1	1013.4	1012.8
54N	1004.6	1004.5	1004.5	1004.4	1004.4	1004.4	1004.4	1004.8	1006.8	1009.2	1011.2	1012.7	1013.7	1015.0	1015.8	1015.7	1015.1	1014.3
50N	1009.0	1008.5	1008.0	1008.0	1008.0	1008.0	1008.0	1008.0	1010.0	1012.0	1014.0	1015.5	1016.5	1017.0	1017.0	1016.5	1015.5	1015.5
46N	1013.8	1012.9	1012.5	1012.4	1012.0	1012.0	1012.0	1012.0	1014.0	1015.2	1016.4	1017.7	1017.7	1017.4	1017.0	1016.9	1016.5	1015.5
42N	1016.8	1016.4	1016.2	1015.9	1015.7	1015.7	1016.0	1016.4	1017.4	1018.4	1019.2	1017.3	1016.7	1016.9	1016.7	1016.8	1016.5	1016.3
38N	1018.2	1018.2	1018.8	1018.7	1018.7	1018.7	1019.0	1019.5	1019.6	1020.4	1019.6	1017.9	1015.8	1014.7	1015.3	1016.1	1016.8	1017.4
34N	1018.6	1018.6	1019.8	1020.3	1020.4	1020.5	1020.6	1021.0	1021.0	1021.0	1020.4	1018.5	1015.7	1012.3	1013.1	1019.0	1015.9	1017.5
30N	1019.0	1019.0	1019.5	1020.0	1020.0	1020.5	1021.0	1021.0	1021.0	1021.0	1020.0	1018.5	1016.5	1013.5	1011.5	1013.0	1013.5	1017.0
26N	1017.0	1017.0	1017.0	1017.2	1017.2	1017.5	1018.6	1019.0	1019.4	1019.4	1018.8	1017.7	1016.1	1013.9	1011.5	1011.8	1013.1	1017.0
22N	1015.0	1015.0	1015.3	1015.6	1016.1	1016.7	1016.8	1017.0	1017.2	1017.5	1017.0	1016.6	1015.4	1013.7	1011.5	1011.2	1012.1	1015.4
18N	1013.2	1013.2	1013.7	1013.9	1014.2	1014.5	1015.0	1015.0	1015.0	1015.3	1015.2	1015.0	1014.2	1012.9	1011.5	1010.6	1010.7	1011.5
14N	1011.6	1011.7	1012.1	1012.6	1012.7	1012.7	1013.1	1013.1	1013.1	1013.1	1013.5	1013.1	1012.7	1011.9	1011.5	1010.1	1009.5	1009.3
10N	1010.0	1010.5	1010.5	1011.0	1011.5	1011.5	1011.5	1011.5	1011.5	1011.5	1011.5	1011.5	1011.5	1011.5	1011.5	1010.5	1009.5	1008.5
6N	1009.6	1009.7	1009.7	1010.2	1010.7	1010.7	1010.9	1010.9	1010.9	1010.9	1011.2	1011.5	1011.5	1011.5	1011.5	1010.5	1009.5	1008.5
2N	1009.2	1009.2	1009.5	1009.5	1009.5	1009.8	1010.5	1010.7	1010.9	1010.9	1011.2	1011.4	1011.9	1012.1	1011.8	1012.1	1011.9	1010.1
25	1009.2	1009.2	1009.5	1009.5	1009.5	1009.8	1010.5	1010.7	1010.9	1010.9	1011.2	1011.4	1011.9	1012.1	1011.8	1012.1	1011.9	1010.1
65	1009.6	1009.6	1009.6	1009.7	1009.7	1009.8	1010.6	1011.2	1011.7	1011.7	1011.8	1012.3	1012.8	1013.3	1013.6	1012.9	1012.5	1013.1
100S	1010.0	1010.0	1010.0	1010.5	1010.5	1011.0	1011.0	1012.0	1012.5	1012.5	1013.0	1013.5	1014.0	1014.5	1014.5	1015.0	1015.5	1016.5
40S	1011.2	1011.2	1011.2	1011.3	1011.7	1012.2	1012.6	1013.2	1013.3	1013.7	1014.2	1014.7	1015.2	1015.3	1016.1	1016.6	1017.4	1018.2
18S	1013.0	1013.0	1013.0	1013.3	1013.5	1014.0	1014.2	1014.4	1014.7	1014.9	1015.1	1015.9	1016.4	1017.0	1017.7	1018.5	1019.0	1019.5
22S	1015.0	1015.0	1015.0	1015.3	1015.3	1015.6	1015.6	1015.6	1015.9	1015.9	1016.3	1017.1	1017.6	1018.4	1019.1	1019.9	1020.6	1021.5
26S	1016.5	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1017.5	1018.1	1018.6	1019.1	1020.0	1020.9	1021.8	1022.1
40S	1015.5	1017.0	1017.0	1017.0	1017.0	1017.0	1017.0	1017.0	1017.0	1017.0	1017.5	1018.5	1019.0	1019.5	1020.0	1020.5	1021.5	1022.1
45S	1016.1	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.6	1016.4	1016.6	1017.1	1017.7	1017.8	1018.7	1019.2	1020.1	1020.7	1021.7
48S	1014.8	1015.3	1015.6	1015.6	1015.6	1015.6	1015.6	1015.6	1015.3	1015.3	1015.5	1015.7	1015.7	1016.7	1017.2	1018.2	1019.0	1020.0
25S	1012.8	1013.3	1013.8	1013.8	1013.8	1013.8	1013.8	1013.4	1013.2	1012.9	1012.9	1012.9	1012.9	1013.7	1014.2	1015.2	1016.2	1017.2
65S	1010.1	1010.5	1011.0	1011.0	1011.0	1010.9	1010.5	1010.1	1010.0	1009.6	1009.5	1009.4	1009.4	1009.9	1010.4	1011.4	1012.4	1013.4
105S	1006.5	1006.5	1007.0	1007.0	1007.0	1006.5	1006.5	1006.5	1006.0	1006.0	1005.5	1005.0	1005.0	1005.5	1006.0	1007.0	1008.0	1009.0
145S	1000.9	1001.3	1001.4	1001.8	1001.8	1001.7	1001.7	1001.7	1001.2	1001.2	1001.1	1000.2	1000.2	1000.3	1000.8	1001.4	1002.4	1003.0
185S	995.3	995.8	995.8	996.0	996.0	996.0	996.0	995.8	995.8	995.8	994.8	994.8	994.8	994.8	995.0	995.2	995.6	996.0
225S	989.5	989.8	990.0	990.0	990.0	990.0	990.0	989.8	989.8	989.8	989.3	988.8	988.8	988.8	988.6	988.4	988.6	989.0
265S	984.0	983.7	983.9	983.8	983.8	983.8	983.8	983.4	983.5	983.5	983.2	982.9	983.0	982.5	982.5	982.4	982.4	981.9
305S	980.0	978.5	977.5	977.0	977.0	977.0	977.0	977.0	977.5	977.5	978.0	978.5	979.0	978.5	978.5	976.5	975.0	974.5
345S	977.6	976.1	975.9	975.8	975.8	975.8	975.8	975.8	976.3	977.5	978.8	980.5	981.4	982.1	982.9	983.3	983.6	983.0
385S	978.2	976.7	975.8	975.8	975.8	976.1	977.0	977.6	978.4	979.5	981.1	983.1	983.8	984.8	985.8	986.3	986.8	987.4
425S	981.4	980.3	979.4	979.4	979.4	979.4	979.7	980.6	981.2	981.8	982.9	984.9	985.6	986.4	987.2	987.7	988.2	988.8
465S	986.1	985.7	985.7	985.7	985.7	985.7	985.7	985.7	985.7	986.1	986.1	986.5	987.3	987.6	987.7	988.1	988.5	988.9
505S	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5



Table 5.1--Continued

	90M	85M	80M	75M	70M	65M	60M	55M	50M	45M	40M	35M	30M	25M	20M	15M	10M	5M
90N	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0
86N	1014.2	1014.2	1014.2	1014.2	1014.2	1014.6	1014.6	1014.6	1014.6	1014.6	1014.6	1014.2	1014.2	1014.2	1013.8	1013.8	1013.4	1013.4
82N	1011.9	1011.6	1011.6	1011.3	1011.3	1011.6	1012.1	1012.7	1013.0	1013.3	1013.3	1013.1	1013.1	1012.8	1012.3	1012.0	1011.2	1010.0
78N	1010.1	1009.6	1009.4	1008.9	1008.7	1008.6	1008.7	1008.5	1010.2	1010.7	1011.3	1011.7	1011.7	1011.2	1010.3	1009.8	1008.8	1007.8
74N	1009.7	1009.1	1008.7	1008.2	1007.7	1006.8	1006.6	1006.0	1006.8	1007.4	1008.9	1009.9	1009.9	1009.4	1008.1	1007.6	1006.8	1005.5
70N	1010.5	1009.5	1009.0	1008.5	1008.0	1006.0	1004.0	1004.0	1004.0	1005.0	1006.5	1007.5	1007.5	1007.0	1006.5	1006.0	1004.5	1003.5
66N	1011.3	1010.3	1009.5	1009.0	1008.1	1007.2	1005.2	1003.6	1002.8	1003.0	1004.1	1004.3	1004.3	1003.4	1003.3	1004.0	1002.5	1003.5
62N	1011.8	1010.8	1009.5	1009.0	1008.3	1007.6	1005.9	1004.1	1002.5	1002.2	1001.4	1001.1	1000.2	1000.7	1001.3	1003.5	1004.6	1006.7
58N	1012.4	1011.6	1010.5	1010.0	1009.7	1009.2	1007.9	1006.1	1004.3	1003.6	1002.2	1001.7	1000.8	1002.1	1003.3	1005.5	1008.2	1010.1
54N	1013.5	1013.1	1012.6	1012.2	1012.1	1011.6	1010.7	1009.3	1008.0	1007.4	1006.7	1006.3	1006.3	1007.2	1008.6	1009.7	1012.3	1013.2
50N	1015.5	1015.5	1015.0	1015.0	1014.5	1014.0	1013.5	1012.5	1012.0	1011.5	1011.5	1011.5	1011.5	1012.0	1013.0	1014.5	1015.5	1016.0
46N	1016.3	1016.7	1017.0	1017.0	1016.5	1016.0	1015.5	1015.3	1014.8	1014.7	1014.3	1014.7	1015.1	1015.6	1016.2	1016.5	1017.1	1018.0
42N	1017.4	1018.2	1018.4	1018.4	1017.6	1017.1	1016.6	1016.9	1016.7	1016.7	1016.8	1017.3	1017.8	1018.3	1018.5	1018.2	1017.8	1018.2
38N	1018.2	1019.0	1019.0	1018.6	1017.8	1017.5	1017.2	1017.9	1018.1	1018.3	1018.8	1019.3	1019.8	1020.1	1019.9	1019.2	1018.2	1017.6
34N	1018.3	1018.7	1018.5	1017.7	1017.3	1017.4	1017.6	1018.7	1019.3	1019.7	1020.2	1020.6	1021.0	1020.9	1020.4	1019.3	1018.1	1016.8
30N	1017.5	1017.5	1016.5	1016.5	1017.0	1017.0	1018.0	1019.5	1020.5	1020.5	1021.0	1021.0	1021.0	1020.5	1020.0	1018.5	1016.5	1015.0
26N	1015.5	1015.5	1014.5	1014.5	1014.9	1016.2	1017.2	1018.7	1020.1	1020.5	1020.6	1020.6	1020.6	1019.7	1018.4	1016.5	1013.7	1013.0
22N	1013.5	1013.5	1013.1	1013.6	1013.6	1014.2	1015.2	1017.0	1018.8	1019.6	1019.9	1019.6	1019.3	1018.0	1015.9	1013.9	1012.1	1011.3
18N	1011.7	1011.7	1011.5	1011.5	1012.4	1012.6	1013.4	1014.8	1016.4	1017.4	1017.9	1017.6	1016.9	1015.6	1013.7	1012.1	1011.1	1010.1
14N	1011.1	1010.3	1010.0	1010.0	1011.6	1012.1	1012.4	1012.8	1013.7	1014.6	1015.0	1014.5	1014.2	1013.3	1012.4	1011.5	1010.5	1009.7
10N	1008.5	1009.5	1010.0	1010.0	1012.0	1012.5	1012.0	1012.5	1012.5	1013.0	1013.0	1013.0	1013.0	1012.5	1012.0	1011.5	1010.5	1009.5
6N	1010.1	1010.3	1010.4	1010.8	1012.4	1012.1	1012.0	1011.6	1011.7	1011.8	1012.2	1012.6	1012.6	1012.5	1012.4	1011.9	1011.3	1010.3
2N	1011.4	1011.4	1010.8	1010.7	1011.3	1011.1	1011.4	1011.2	1011.2	1011.2	1011.7	1012.5	1012.5	1012.8	1012.8	1012.6	1012.4	1012.4
25	1012.8	1012.8	1012.0	1010.3	1010.1	1010.4	1010.4	1010.4	1010.4	1010.6	1011.1	1012.5	1012.9	1013.4	1013.4	1013.4	1013.4	1013.4
65	1014.4	1014.4	1013.9	1010.6	1009.5	1009.1	1009.1	1009.3	1009.5	1010.1	1010.8	1012.9	1013.8	1014.3	1014.3	1014.3	1014.3	1014.3
105	1016.0	1016.0	1015.5	1013.0	1009.5	1007.5	1007.5	1008.5	1009.5	1010.5	1012.0	1014.5	1015.0	1015.5	1015.5	1015.5	1015.5	1015.5
145	1018.0	1018.0	1017.1	1015.8	1011.9	1008.3	1007.5	1008.9	1010.3	1011.3	1013.6	1015.3	1016.2	1016.7	1017.1	1017.1	1017.1	1016.7
185	1020.0	1019.7	1018.7	1017.4	1014.6	1009.7	1009.0	1009.9	1011.1	1012.4	1014.6	1016.1	1017.1	1017.9	1018.7	1019.0	1019.0	1018.5
225	1021.6	1021.3	1020.3	1018.6	1016.0	1010.9	1010.6	1011.1	1012.1	1013.6	1015.4	1016.7	1017.7	1018.7	1019.9	1020.6	1020.8	1020.3
265	1022.5	1022.5	1021.7	1019.5	1015.8	1011.8	1011.9	1012.5	1013.4	1014.7	1016.1	1017.0	1018.0	1019.0	1020.4	1021.4	1021.9	1021.6
305	1022.5	1022.5	1020.5	1015.0	1013.0	1013.0	1013.5	1014.5	1015.0	1015.5	1016.5	1017.0	1018.0	1019.0	1020.0	1021.0	1021.5	1022.0
345	1022.1	1022.5	1022.5	1020.5	1015.0	1014.2	1015.5	1016.1	1016.2	1016.3	1016.5	1016.6	1017.2	1017.8	1018.8	1019.8	1019.9	1020.0
385	1020.8	1021.3	1021.3	1020.2	1015.0	1014.5	1015.7	1015.6	1015.6	1015.3	1015.6	1015.6	1016.1	1016.6	1017.3	1018.0	1018.3	1018.7
425	1018.2	1018.9	1019.1	1018.6	1014.2	1013.7	1014.3	1014.0	1013.8	1013.5	1013.8	1013.8	1014.1	1014.4	1014.9	1015.2	1015.5	1015.5
465	1015.3	1015.2	1015.6	1015.0	1012.0	1011.4	1011.3	1011.2	1010.8	1010.8	1010.8	1010.8	1010.8	1010.8	1011.2	1011.1	1011.1	1011.1
505	1009.5	1010.0	1010.0	1009.0	1008.0	1007.0	1006.5	1006.0	1006.0	1006.0	1006.0	1006.0	1006.0	1006.0	1006.0	1005.5	1005.5	1005.5
545	1003.5	1003.6	1003.6	1003.0	1002.4	1001.8	1001.3	1001.2	1000.8	1000.4	1000.4	1000.4	1000.0	1000.0	1000.0	999.5	999.5	999.5
585	996.0	996.0	996.0	995.8	995.6	995.4	995.2	995.0	994.8	994.8	994.8	994.8	994.6	994.3	994.0	993.8	993.5	993.0
625	988.4	988.6	988.8	989.0	989.2	989.1	989.6	989.6	989.6	989.6	989.4	989.2	989.0	988.5	988.0	987.5	987.2	986.8
665	981.9	982.4	983.0	983.7	984.4	985.3	985.7	985.2	985.0	984.3	983.9	983.5	983.5	983.1	982.9	983.0	983.4	983.4
705	977.5	978.0	979.0	980.5	982.0	984.5	985.0	985.0	985.0	984.0	979.5	979.5	979.5	979.5	980.5	981.5	983.0	984.0
745	983.5	984.0	984.2	984.5	984.8	984.9	985.0	985.0	985.0	984.8	981.1	981.5	981.5	982.3	983.7	985.1	986.0	987.6
785	987.4	987.6	987.6	987.6	987.6	987.1	986.6	985.7	985.0	985.0	984.8	985.0	985.6	986.3	987.5	988.4	989.5	990.6
825	989.0	989.2	989.2	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4	989.4
865	989.3	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7	989.7
905	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5

Table 5.1--Continued

	OE	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0	1015.0
86N	1013.0	1013.0	1013.0	1013.0	1012.6	1012.6	1012.6	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.0	1013.4	1013.4	1013.4
82N	1009.8	1009.8	1009.5	1009.5	1009.6	1009.6	1010.1	1010.4	1010.4	1010.4	1010.7	1010.7	1010.7	1011.0	1011.0	1011.2	1011.2	1011.2
78N	1007.0	1006.6	1006.3	1006.3	1006.7	1007.0	1007.2	1007.9	1008.2	1008.3	1008.3	1008.1	1008.1	1008.4	1008.4	1008.4	1008.4	1008.4
74N	1005.1	1004.3	1004.5	1004.9	1005.8	1005.9	1006.3	1007.1	1008.2	1008.5	1008.6	1008.1	1008.1	1008.6	1008.6	1008.6	1008.6	1008.6
70N	1003.5	1003.5	1004.5	1006.5	1007.0	1007.5	1007.5	1007.5	1007.5	1006.5	1006.0	1006.0	1006.0	1006.0	1006.0	1006.5	1007.5	1008.0
66N	1005.5	1007.1	1008.1	1008.9	1009.4	1009.5	1009.9	1009.9	1009.5	1009.7	1009.2	1009.2	1009.2	1009.2	1009.2	1009.7	1010.3	1010.6
62N	1008.4	1010.1	1010.8	1011.3	1011.8	1011.8	1012.6	1012.6	1012.9	1012.9	1012.7	1012.7	1012.4	1012.4	1012.4	1012.9	1013.4	1014.2
58N	1011.4	1012.5	1013.0	1013.5	1014.0	1014.4	1015.4	1015.6	1016.1	1016.3	1016.3	1016.3	1016.0	1016.0	1016.0	1016.3	1016.6	1017.0
54N	1014.1	1014.6	1015.1	1015.6	1016.1	1016.9	1017.9	1018.3	1018.9	1019.3	1019.4	1019.6	1019.6	1019.8	1019.8	1019.8	1019.8	1020.0
50N	1016.5	1017.0	1017.5	1018.0	1018.5	1018.5	1019.5	1019.5	1020.5	1020.5	1021.0	1022.0	1022.0	1023.0	1023.0	1023.0	1023.0	1023.0
46N	1017.7	1017.8	1017.5	1017.6	1018.5	1018.5	1019.1	1019.1	1019.7	1020.5	1021.0	1022.0	1022.4	1023.0	1023.0	1023.0	1023.0	1023.0
42N	1017.4	1017.4	1017.2	1017.2	1017.9	1018.5	1018.7	1017.8	1018.0	1019.0	1020.4	1021.1	1021.3	1021.5	1020.9	1020.3	1019.7	1019.0
38N	1017.0	1016.8	1016.8	1016.8	1017.1	1017.9	1017.3	1016.2	1016.2	1016.4	1018.4	1019.1	1019.1	1018.5	1016.5	1015.7	1015.1	1014.0
34N	1016.4	1016.1	1016.3	1016.5	1016.7	1017.0	1015.4	1014.7	1014.6	1013.7	1015.2	1016.1	1016.0	1014.2	1011.4	1011.1	1011.2	1011.0
30N	1014.0	1014.5	1015.5	1016.5	1017.5	1017.5	1015.0	1013.5	1013.0	1012.5	1012.0	1012.5	1012.0	1009.0	1009.0	1009.5	1010.0	1011.0
26N	1012.4	1012.1	1013.1	1014.5	1016.7	1017.8	1014.2	1011.5	1011.4	1011.7	1011.6	1011.3	1010.4	1009.4	1009.4	1009.5	1010.0	1010.8
22N	1010.8	1010.6	1011.3	1012.2	1014.1	1015.3	1011.9	1009.5	1010.7	1011.2	1011.5	1011.3	1010.3	1009.5	1009.5	1009.2	1009.0	1009.5
18N	1009.8	1009.8	1009.9	1010.2	1011.1	1011.3	1009.1	1008.1	1010.3	1011.0	1011.7	1011.9	1011.6	1010.6	1009.6	1009.5	1009.0	1009.5
14N	1009.9	1009.7	1009.9	1010.2	1011.1	1011.3	1009.1	1008.1	1010.3	1011.0	1011.1	1012.5	1011.6	1010.6	1009.6	1009.5	1009.1	1009.5
10N	1010.5	1010.5	1010.0	1009.5	1008.5	1007.5	1007.5	1008.0	1010.0	1011.5	1012.5	1012.5	1012.0	1011.0	1010.0	1009.5	1009.5	1009.5
6N	1011.7	1011.7	1010.8	1009.5	1008.9	1008.3	1008.3	1008.4	1010.8	1012.3	1012.5	1012.5	1012.4	1011.4	1010.8	1010.3	1010.3	1010.3
2N	1012.6	1012.3	1011.6	1009.5	1009.0	1007.9	1007.9	1007.9	1011.6	1012.5	1012.5	1012.5	1012.5	1011.8	1011.3	1010.8	1010.6	1010.5
25	1013.2	1012.9	1012.2	1009.9	1009.0	1007.7	1005.8	1008.3	1012.6	1012.9	1012.9	1012.9	1012.9	1012.2	1011.9	1011.2	1011.2	1010.7
65	1013.8	1012.7	1010.7	1010.7	1009.9	1007.7	1005.8	1010.1	1013.7	1013.7	1013.8	1013.6	1013.6	1012.7	1012.7	1011.8	1011.6	1011.1
10S	1015.0	1014.5	1013.5	1011.5	1008.5	1006.5	1007.0	1012.5	1014.5	1015.0	1015.0	1014.5	1014.0	1013.5	1013.5	1013.0	1012.0	1011.5
14S	1016.2	1015.3	1014.3	1011.5	1008.1	1005.7	1007.4	1013.3	1014.9	1015.3	1016.6	1016.1	1015.6	1015.1	1014.7	1014.6	1014.4	1013.9
18S	1017.7	1016.7	1015.7	1011.8	1006.9	1007.6	1009.9	1014.4	1015.3	1015.5	1017.9	1017.7	1017.5	1017.0	1016.8	1016.5	1016.3	1016.3
22S	1019.3	1018.3	1017.3	1013.6	1010.3	1010.0	1013.1	1015.8	1015.9	1016.9	1018.5	1018.9	1019.1	1019.0	1019.0	1018.7	1018.7	1018.5
26S	1020.7	1019.7	1018.8	1016.4	1012.3	1011.9	1015.7	1017.2	1016.9	1016.9	1016.6	1017.7	1020.1	1020.5	1020.5	1020.5	1020.1	1020.1
30S	1021.5	1020.5	1020.0	1018.0	1015.5	1013.5	1016.5	1018.5	1018.5	1018.5	1019.0	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5
34S	1020.7	1020.1	1019.6	1018.4	1017.9	1017.5	1018.1	1018.4	1018.5	1018.5	1019.0	1020.1	1020.5	1020.5	1020.5	1020.5	1020.5	1020.5
38S	1018.7	1018.5	1018.0	1017.6	1017.0	1016.7	1016.4	1016.4	1016.4	1016.7	1017.2	1017.6	1017.8	1017.8	1017.8	1017.8	1017.8	1017.2
42S	1015.5	1015.0	1015.0	1014.0	1013.0	1013.2	1013.2	1013.2	1013.3	1013.6	1013.6	1013.4	1013.2	1013.2	1013.2	1012.8	1012.4	1011.6
46S	1011.1	1011.0	1010.6	1010.0	1009.6	1009.5	1009.0	1008.8	1008.8	1008.3	1008.2	1007.8	1007.2	1007.1	1007.0	1006.2	1005.5	1004.8
50S	1005.5	1005.0	1005.0	1004.0	1003.5	1003.5	1003.0	1002.0	1002.0	1001.5	1001.0	1001.0	1000.0	999.5	999.0	999.0	996.5	996.0
54S	998.7	998.6	997.8	996.8	996.3	996.3	995.8	994.8	994.8	994.7	994.2	993.8	993.2	992.7	992.6	992.2	991.7	991.0
58S	992.5	992.2	991.5	990.5	990.2	990.7	989.2	988.5	988.5	988.2	988.0	987.2	986.7	986.2	985.9	985.1	984.6	984.3
62S	986.7	986.2	985.5	984.7	984.2	983.7	983.4	983.1	983.3	983.2	983.8	983.2	982.9	982.6	981.9	980.7	980.2	979.7
66S	982.9	982.4	981.2	980.4	979.9	979.5	979.6	979.6	980.4	981.1	982.7	982.8	982.8	982.8	982.0	980.8	980.4	980.3
70S	984.5	984.0	982.0	980.0	979.5	979.5	979.5	980.0	982.0	983.5	985.5	986.0	986.0	986.0	986.0	986.0	986.0	986.0
74S	988.1	988.0	987.6	986.8	986.3	986.3	986.3	986.8	988.0	988.7	989.9	990.8	990.8	990.8	990.8	991.2	991.5	991.5
78S	991.1	991.1	991.1	990.9	990.7	990.7	990.7	990.9	991.3	991.5	991.9	992.3	992.3	992.3	992.3	992.5	992.5	992.5
82S	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5	992.5
86S	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1	992.1
90S	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5	990.5

Table 5.1--Continued

[illegible]

Table 5.2

OCTOBER SURFACE AIR TEMPERATURE (deg C)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
70N	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40
86N	-20.48	-20.48	-20.48	-20.56	-20.56	-20.56	-20.56	-20.56	-20.64	-20.64	-20.64	-20.64	-20.64	-20.64	-20.64	-20.64	-20.64	-20.64
82N	-17.80	-17.92	-18.28	-18.44	-18.62	-19.04	-19.52	-19.52	-19.92	-20.28	-20.34	-20.40	-20.40	-20.56	-20.56	-20.56	-20.56	-20.56
78N	-14.08	-14.36	-14.80	-14.96	-15.18	-15.76	-16.44	-16.64	-17.24	-17.60	-17.98	-18.14	-18.28	-18.28	-18.14	-18.14	-17.92	-17.08
74N	-10.52	-10.74	-10.76	-10.72	-10.88	-11.80	-12.36	-12.50	-12.84	-13.32	-13.66	-13.96	-14.08	-14.12	-14.16	-14.42	-14.24	-13.70
70N	-7.80	-7.30	-6.60	-6.40	-6.40	-9.40	-10.20	-8.90	-8.20	-8.00	-9.10	-9.00	-8.80	-9.00	-10.00	-11.30	-12.00	-12.00
66N	-5.48	-4.02	-2.04	-2.80	-4.48	-5.32	-5.48	-6.10	-4.84	-4.68	-5.34	-4.84	-4.40	-4.36	-5.36	-6.90	-8.22	-8.20
62N	-1.96	-0.56	0.90	-0.32	-1.42	-0.88	0.74	0.84	0.86	0.32	-1.10	-1.22	-1.08	-0.68	-1.68	-3.52	-5.24	-5.12
58N	1.40	2.12	2.82	2.36	2.38	3.56	5.70	6.52	6.10	5.32	3.54	2.34	1.92	2.44	1.72	-0.16	-1.56	-1.40
54N	4.18	4.12	4.60	5.38	6.18	7.40	8.64	9.30	9.62	9.36	7.80	6.06	3.76	4.64	4.74	3.20	2.62	2.36
50N	6.90	6.60	7.40	8.10	8.90	9.80	10.80	11.30	11.70	11.60	10.20	9.90	2.00	4.80	6.50	5.60	5.90	5.40
46N	10.26	10.20	10.36	10.90	11.62	12.36	13.44	13.94	14.26	14.00	12.92	12.22	9.92	8.96	8.02	6.32	8.06	6.86
42N	13.86	13.86	13.86	14.18	14.64	15.22	15.96	16.28	16.04	15.52	15.04	14.24	10.70	8.62	10.50	9.60	10.58	12.40
38N	17.34	17.34	17.36	17.46	17.72	18.06	18.36	18.40	17.94	17.48	16.60	15.56	12.30	13.22	13.54	11.20	13.78	15.22
34N	20.60	20.60	20.62	20.50	20.66	20.66	20.56	20.28	19.74	18.86	17.84	16.46	16.28	21.48	16.70	14.28	17.52	16.42
30N	23.80	23.80	23.50	23.30	23.30	22.90	22.40	21.80	20.30	19.26	17.90	17.90	17.80	21.40	19.50	19.40	21.20	22.10
26N	25.16	25.08	24.86	24.66	24.50	24.10	23.52	22.76	22.22	21.58	20.72	19.98	20.04	22.20	24.78	20.92	22.16	24.02
22N	26.34	26.12	25.92	25.66	25.46	25.00	24.52	23.72	23.04	22.48	22.00	22.24	22.28	23.78	25.92	24.78	18.28	23.60
18N	27.38	27.08	26.76	26.46	26.26	25.76	25.44	24.84	24.66	24.60	24.32	24.04	24.44	25.34	26.04	27.22	20.54	26.18
14N	28.14	27.90	27.44	27.18	26.96	26.44	26.20	25.94	25.90	25.88	25.76	25.68	26.00	26.26	26.34	27.18	27.74	26.28
10N	28.30	28.30	28.00	27.90	27.60	27.00	26.60	26.50	26.30	26.20	26.00	26.00	26.00	26.10	26.10	26.30	26.30	26.20







Table 5.2--Continued

	OE	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E
90N	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40
86N	-16.80	-16.16	-15.84	-15.28	-15.12	-14.72	-14.48	-14.64	-14.72	-15.12	-15.28	-15.76	-15.60	-15.76	-16.00	-16.24	-16.56
82N	-12.24	-10.84	-9.84	-8.72	-8.58	-8.38	-8.38	-8.88	-9.28	-9.72	-10.40	-11.06	-11.34	-11.66	-11.90	-12.02	-12.10
78N	-6.52	-4.80	-3.80	-2.92	-2.78	-2.86	-3.18	-3.76	-4.36	-4.84	-5.68	-6.34	-7.02	-7.46	-7.74	-8.06	-8.10
74N	-0.48	0.96	1.32	1.32	1.16	0.46	0.38	0.10	-0.36	-1.06	-1.82	-2.50	-3.30	-3.94	-4.52	-5.42	-6.18
70N	4.00	4.80	5.00	4.60	3.00	0.30	1.90	2.10	2.20	1.00	-0.30	-1.30	-2.10	-3.30	-4.60	-5.90	-6.50
66N	6.56	7.28	6.12	2.68	2.12	1.98	1.90	1.54	2.12	0.84	-1.66	-2.02	-2.66	-3.30	-4.20	-4.46	-4.26
62N	8.04	8.26	6.10	4.60	4.78	4.20	3.34	2.48	2.16	1.46	-0.06	-0.52	-1.06	-1.48	-1.64	-1.52	-1.46
58N	8.52	9.14	7.06	7.04	7.26	5.96	4.78	3.96	3.08	2.74	2.12	1.40	1.06	0.68	0.96	1.12	0.56
54N	9.04	10.06	8.74	8.34	8.10	6.98	5.94	5.50	4.92	4.52	4.08	3.26	3.06	2.68	2.68	1.32	1.78
50N	11.60	9.90	8.50	8.50	8.10	7.70	7.70	7.10	7.00	6.60	6.40	5.90	5.40	4.90	3.80	4.00	0.10
46N	11.92	11.58	13.46	12.42	11.36	9.62	12.16	10.78	11.64	8.92	10.88	9.10	7.72	7.38	7.96	8.08	6.50
42N	15.72	16.50	16.80	16.04	15.68	15.08	14.82	11.62	12.32	11.24	13.92	13.02	10.82	11.24	11.28	5.36	9.82
38N	18.72	20.54	18.96	19.16	19.64	19.80	17.86	16.02	15.56	17.12	15.24	16.36	13.06	15.40	14.48	6.54	8.10
34N	20.34	22.36	20.94	21.66	22.36	22.16	21.20	22.96	21.12	24.56	17.34	15.06	14.64	17.84	18.84	14.68	6.14
30N	23.70	23.40	24.30	23.50	23.40	23.20	22.80	26.00	22.00	26.00	25.56	22.10	17.60	15.60	26.20	26.40	13.50
26N	28.82	23.88	24.70	24.86	24.60	23.92	25.12	27.36	18.64	24.80	28.06	26.82	21.76	23.84	27.88	26.72	23.24
22N	30.10	24.24	25.22	25.98	24.96	25.54	27.26	29.32	24.52	22.40	27.44	28.12	27.90	26.56	27.46	26.62	25.32
18N	30.18	26.56	26.70	27.86	26.92	25.90	28.44	30.00	26.96	19.04	26.40	27.24	26.34	26.92	26.82	25.54	26.84
14N	29.60	29.22	27.76	29.30	29.24	25.22	28.38	28.72	22.86	17.68	17.68	25.92	26.50	25.88	26.82	24.60	26.04
10N	26.80	26.90	24.80	26.90	27.00	26.10	26.76	26.00	18.70	24.00	26.60	26.40	26.90	27.20	27.30	26.60	28.10
6N	26.00	25.94	23.36	24.02	25.24	24.26	25.02	27.68	23.54	27.36	27.00	26.72	27.06	27.36	27.38	27.56	27.06
2N	24.90	25.28	24.62	24.14	24.80	23.98	21.60	22.70	25.26	27.72	26.86	26.80	27.04	27.52	27.34	27.62	27.64
25	23.90	24.36	25.14	24.42	25.28	24.34	21.36	20.70	27.38	26.88	26.58	26.76	27.04	27.44	27.26	27.60	27.24
65	22.90	23.00	23.86	23.62	24.36	24.36	23.80	22.84	26.24	25.88	26.18	26.52	26.86	26.98	27.00	27.34	27.24
105	21.30	21.40	22.10	22.10	22.50	23.00	23.00	21.80	26.00	25.00	25.30	25.80	26.00	26.10	26.20	26.40	26.60
145	19.62	18.92	19.14	22.10	24.98	25.32	25.40	22.92	26.00	26.04	23.62	24.92	25.04	24.98	25.00	25.04	25.10
185	18.78	17.88	17.02	22.04	25.90	25.84	23.36	23.92	25.46	24.74	23.02	23.98	23.96	23.86	23.68	23.56	23.42
225	18.34	17.52	16.22	19.28	24.66	24.40	19.76	24.08	24.42	22.70	22.66	22.90	22.60	22.38	22.08	21.84	21.42
265	17.82	17.20	16.38	15.12	18.82	18.21	17.20	23.10	22.88	21.04	21.76	21.38	20.82	20.38	20.06	19.74	19.14
305	16.70	16.40	16.30	14.60	19.10	17.50	18.00	21.10	20.80	20.40	19.60	18.90	18.50	17.90	17.50	17.10	16.50
345	14.30	14.16	14.46	15.76	17.26	17.58	18.08	18.38	17.84	17.52	16.72	16.10	15.86	15.50	15.18	14.86	14.42
385	11.96	11.92	12.38	14.08	14.94	15.38	15.40	14.88	14.22	13.74	13.42	13.24	13.28	13.16	12.92	12.56	12.34
425	9.28	9.36	9.74	10.88	11.42	11.50	11.24	10.68	10.10	9.42	9.30	9.60	10.00	10.08	9.96	9.76	9.74
465	6.14	6.26	6.44	6.86	6.66	6.80	6.64	6.22	5.84	5.16	4.92	5.44	6.06	6.24	6.30	6.40	6.54
505	2.70	2.50	2.60	2.30	2.30	2.40	2.40	2.30	2.00	1.80	1.80	2.00	2.30	2.40	2.70	2.80	2.90
545	-0.58	-0.62	-0.76	-0.82	-0.82	-0.80	-0.72	-0.74	-0.80	-0.76	-0.76	-0.64	-0.50	-0.40	-0.26	-0.08	0.02
585	-3.44	-3.44	-3.58	-3.46	-3.46	-3.46	-3.42	-3.42	-3.46	-3.44	-3.38	-3.28	-3.06	-2.96	-2.86	-2.72	-2.60
625	-6.56	-6.48	-6.42	-6.06	-5.90	-5.82	-5.78	-5.86	-6.08	-6.44	-6.58	-6.68	-6.30	-6.16	-6.02	-5.92	-5.80
665	-10.78	-10.60	-9.96	-9.52	-9.08	-8.96	-9.12	-9.46	-10.40	-12.12	-14.12	-15.44	-14.64	-12.48	-10.72	-10.84	-12.32
705	-17.10	-17.00	-15.00	-15.20	-14.60	-14.80	-16.00	-17.70	-20.00	-25.00	-33.00	-38.00	-36.00	-26.00	-18.00	-19.00	-34.00
745	-42.62	-43.40	-43.00	-43.04	-42.92	-43.76	-44.00	-45.14	-46.40	-48.20	-49.80	-50.00	-48.80	-46.00	-44.40	-45.40	-50.00
785	-52.00	-52.40	-53.60	-54.80	-55.40	-57.00	-57.00	-58.00	-58.40	-58.80	-58.80	-58.40	-58.60	-57.60	-57.60	-58.00	-58.50
825	-52.00	-52.40	-54.00	-55.60	-56.60	-58.20	-58.60	-59.20	-59.60	-59.60	-59.60	-60.00	-60.60	-60.00	-60.00	-60.00	-60.00
865	-49.40	-50.20	-51.00	-51.60	-52.60	-53.40	-54.20	-54.20	-55.00	-55.00	-55.00	-55.80	-55.80	-55.60	-55.80	-55.80	-55.80
905	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00

Table 5.2--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40	-20.40
86N	-16.64	-16.88	-16.96	-17.36	-17.52	-17.76	-18.08	-18.56	-18.96	-19.68	-20.08	-20.16	-20.16	-20.24	-20.24	-20.32	-20.40	-20.40
82N	-12.28	-12.40	-12.44	-13.18	-13.50	-14.10	-14.92	-15.64	-16.02	-16.56	-16.82	-16.98	-17.04	-17.20	-17.26	-17.48	-17.58	-17.64
78N	-9.80	-10.08	-10.16	-10.86	-11.18	-11.74	-12.48	-12.96	-12.90	-13.08	-12.86	-12.86	-12.80	-12.86	-12.94	-13.28	-13.50	-13.84
74N	-9.52	-10.20	-10.46	-10.86	-11.16	-11.38	-11.62	-11.66	-11.16	-11.10	-10.54	-10.26	-10.04	-9.96	-9.76	-9.68	-9.70	-10.18
70N	-9.60	-10.20	-10.70	-11.10	-11.80	-12.10	-12.50	-12.70	-12.60	-12.30	-12.30	-12.10	-12.20	-12.20	-11.20	-9.20	-8.10	-7.30
66N	-5.76	-7.24	-6.62	-8.46	-8.36	-8.74	-9.22	-9.74	-10.60	-14.33	-15.42	-14.82	-11.96	-10.52	-10.56	-11.28	-10.34	-7.30
62N	-2.16	-3.56	-3.80	-5.16	-5.22	-5.62	-6.48	-7.46	-8.06	-9.38	-9.48	-9.02	-7.64	-6.92	-5.96	-5.20	-4.42	-3.04
58N	0.52	-0.08	-1.56	-2.00	-3.42	-4.90	-5.48	-5.46	-5.18	-3.96	-2.76	-1.86	-1.60	-1.88	-0.88	1.24	1.70	1.40
54N	1.48	1.76	0.0	0.04	-2.60	-4.92	-4.56	-3.12	-1.96	-0.32	1.58	3.24	3.90	3.24	3.24	4.98	5.00	4.52
50N	-0.20	0.0	0.0	-0.20	-1.00	-0.20	0.80	2.40	1.80	4.00	5.50	6.60	6.70	9.20	7.00	7.70	7.40	7.40
46N	5.56	-0.08	-0.24	1.24	1.96	-0.04	1.28	4.88	4.28	7.14	9.74	9.40	8.60	9.56	10.52	10.90	10.98	10.00
42N	9.70	3.68	3.48	3.64	4.50	6.48	6.56	8.86	9.22	11.76	12.48	12.80	13.00	13.70	14.16	14.22	14.20	14.00
38N	3.86	3.76	4.36	7.60	7.82	11.28	12.72	13.46	13.86	15.04	15.68	17.08	17.72	18.06	17.96	17.50	17.40	17.40
34N	-4.48	2.08	2.70	12.88	12.38	13.28	16.74	17.74	17.60	17.56	21.94	21.58	22.04	22.04	21.66	20.78	20.64	20.60
30N	8.00	10.00	5.90	18.40	17.90	18.40	16.50	20.70	22.00	23.80	24.40	24.70	24.90	25.00	24.70	24.30	24.00	23.80
26N	22.80	23.04	13.02	16.72	20.38	20.16	20.98	23.50	24.72	25.54	26.00	26.06	26.02	26.12	25.98	25.82	25.52	25.52
22N	27.52	27.44	20.92	21.34	22.68	23.36	24.74	25.70	26.66	27.16	27.12	26.64	26.48	26.84	26.78	26.92	26.80	26.80
18N	28.24	28.04	26.12	26.20	24.76	26.36	27.14	27.14	27.78	28.10	27.80	26.84	26.68	26.88	27.42	27.72	27.78	27.60
14N	28.22	27.70	27.62	26.28	26.48	28.16	28.00	27.70	28.06	28.30	28.06	27.00	26.80	26.96	27.90	28.22	28.40	28.40
10N	27.90	27.30	26.90	26.60	27.60	28.40	27.60	27.30	27.50	27.90	27.90	27.40	26.80	26.80	27.90	28.30	28.50	28.50
6N	27.82	26.42	26.34	27.00	28.16	27.92	27.04	26.90	27.02	27.26	27.82	27.88	27.44	26.80	27.10	28.14	28.42	28.50
2N	27.68	26.86	26.50	27.34	28.00	27.20	26.96	26.98	27.32	27.10	27.44	28.12	27.96	27.34	27.32	27.92	28.42	28.44
25	27.52	27.34	26.94	26.86	27.64	27.04	27.20	27.30	27.60	27.10	26.64	27.32	28.12	27.82	27.92	28.08	28.32	28.40
65	27.24	27.24	27.18	26.08	27.30	27.36	27.48	27.56	27.66	27.22	25.94	26.08	27.66	27.88	28.28	28.42	28.44	28.52
10S	26.60	26.60	26.70	26.80	26.90	27.20	27.40	27.40	27.90	27.70	26.50	26.40	26.30	27.40	27.80	28.10	28.40	28.40
14S	25.16	25.16	25.34	25.44	25.54	25.76	26.44	28.20	29.90	29.30	26.74	26.08	26.22	26.60	26.84	26.90	27.08	27.08
18S	23.36	23.42	23.50	23.54	23.52	24.08	26.50	27.50	28.12	27.96	27.40	25.88	25.06	25.14	25.22	25.22	25.12	25.12
22S	21.28	21.30	21.34	21.42	21.44	22.68	25.14	25.14	25.00	25.36	26.44	24.80	23.02	23.50	23.42	23.22	22.92	22.92
26S	18.98	18.90	19.02	19.18	19.40	21.04	21.96	21.70	21.74	22.44	23.66	22.82	20.34	21.76	21.52	21.06	20.78	20.74
30S	16.50	16.50	16.70	16.70	17.00	17.60	18.60	18.50	18.30	19.40	20.70	20.90	17.30	19.70	19.20	18.90	18.70	18.50
34S	14.26	14.18	14.30	14.38	14.84	15.36	15.56	15.38	15.10	15.56	16.22	17.38	15.46	17.06	16.88	16.82	16.46	15.94
38S	12.26	12.10	12.20	12.24	12.50	12.76	13.00	13.04	13.30	14.04	14.30	14.04	13.80	14.36	14.38	14.38	14.10	13.40
42S	9.78	9.66	9.76	9.88	9.98	10.20	10.56	10.76	10.88	10.96	11.10	11.44	11.84	11.84	11.90	11.98	11.70	11.28
46S	6.66	6.68	6.80	7.04	7.16	7.58	7.90	8.16	8.48	8.58	9.06	9.46	9.62	9.68	9.70	9.88	9.54	10.02
50S	3.30	3.40	3.60	3.60	3.80	4.30	4.70	5.20	5.60	5.30	6.90	7.30	7.70	8.00	8.10	8.20	8.10	8.10
54S	0.34	0.52	0.72	0.96	1.08	1.42	1.74	2.08	2.72	2.98	3.78	4.10	4.42	4.80	4.98	5.14	5.30	5.30
58S	-2.56	-2.48	-2.40	-2.22	-1.94	-1.70	-1.46	-1.16	-0.64	-0.24	0.36	0.66	0.96	1.36	1.56	1.76	1.70	1.64
62S	-6.08	-6.12	-6.12	-6.06	-5.78	-5.62	-5.70	-5.64	-5.44	-5.20	-4.44	-3.86	-3.40	-3.00	-2.76	-2.52	-2.46	-2.46
66S	-14.96	-15.44	-15.44	-15.44	-15.36	-15.28	-15.68	-16.12	-16.20	-16.20	-14.80	-13.40	-11.84	-9.92	-9.06	-8.26	-7.90	-7.82
70S	-38.00	-40.00	-40.00	-40.00	-40.00	-40.00	-40.00	-41.00	-41.00	-41.00	-38.00	-35.00	-30.00	-22.00	-18.90	-16.10	-15.00	-14.50
74S	-50.80	-51.20	-51.20	-51.20	-51.20	-51.20	-50.40	-49.80	-49.00	-48.00	-46.00	-43.00	-39.60	-37.20	-34.78	-31.90	-29.48	-27.98
78S	-58.80	-58.80	-58.20	-57.00	-55.80	-54.60	-53.60	-52.00	-50.40	-48.80	-46.80	-43.80	-40.80	-34.40	-25.60	-22.84	-22.04	-21.90
82S	-59.60	-59.60	-59.00	-57.40	-55.80	-54.60	-53.60	-52.60	-51.60	-50.40	-48.80	-44.20	-42.00	-35.20	-32.40	-31.00	-28.40	-27.20
86S	-55.00	-55.00	-55.00	-54.20	-53.40	-53.40	-52.60	-51.80	-51.00	-50.00	-48.60	-47.00	-46.20	-44.60	-43.80	-42.20	-38.20	-35.00
90S	-51.00	-51.50	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00	-51.00

IHC2131 18COM - UNFORMATTED REAO, END OF RECORD ON UNIT 2

TRACEBACK ROUTINE CALLED FROM ISN REG. 14 REG. 15 REG. 0 REG. 1

18COM

2067840

00069080

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000672E0

Table 5.3

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
86N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
82N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
78N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
74N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
70N	I	-1.7	-1.8	-0.7	*****	*****	*****	*****	I	I	I	I	I	*****	*****	*****	I	*****
66N	*****	*****	4.2	6.5	7.5	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
62N	5.3	6.0	7.4	8.5	9.9	*****	10.0	10.8	11.1	*****	*****	*****	*****	*****	*****	*****	*****	*****
58N	7.4	7.4	7.3	8.7	9.5	*****	10.5	11.2	12.1	12.5	*****	*****	*****	*****	*****	*****	*****	*****
54N	8.5	8.4	8.9	*****	9.5	*****	10.5	11.2	12.1	12.5	*****	*****	*****	*****	*****	*****	*****	*****
50N	9.3	9.6	10.1	10.5	10.9	11.3	11.7	12.4	13.4	14.0	13.7	*****	*****	*****	*****	*****	*****	*****
46N	12.8	12.8	12.9	13.4	13.7	14.4	15.1	15.7	16.1	16.1	15.8	13.4	*****	*****	*****	*****	*****	*****
42N	17.4	17.1	16.9	17.1	17.5	18.1	18.6	18.7	18.5	18.2	17.0	14.0	*****	*****	*****	*****	*****	*****
38N	21.1	20.7	20.5	20.7	21.1	21.6	21.5	21.1	20.6	19.8	18.4	16.2	*****	*****	*****	*****	*****	*****
34N	23.6	23.4	23.3	23.2	23.4	23.4	23.1	22.6	22.0	21.1	19.8	18.6	18.4	*****	*****	*****	*****	*****
30N	26.0	25.9	25.5	25.2	25.1	24.8	24.5	23.9	23.1	22.1	21.1	20.4	20.5	24.0	25.7	27.9	*****	27.3
26N	27.5	27.2	26.9	26.7	26.2	25.9	25.2	24.7	23.9	22.9	22.4	21.9	22.5	24.0	25.7	27.9	*****	27.6
22N	28.2	27.9	27.7	27.5	26.9	26.6	25.5	25.3	25.0	24.4	24.0	23.9	24.4	25.7	27.4	28.2	28.9	*****
18N	28.7	28.4	27.8	27.6	27.3	27.0	26.6	26.3	26.4	25.9	26.1	25.5	26.3	27.4	28.2	28.9	*****	*****
14N	28.8	28.8	29.1	28.7	28.0	27.9	27.6	27.4	27.4	27.3	27.5	27.3	27.1	27.8	28.1	23.2	28.1	27.4
10N	29.4	28.9	28.4	28.3	28.3	28.2	28.1	27.9	27.6	27.9	27.8	27.1	26.8	26.9	27.0	27.2	26.8	26.4
6N	29.5	29.1	28.6	28.4	28.3	27.9	27.4	26.9	27.0	27.2	26.5	25.6	25.3	25.2	25.4	25.6	25.3	24.9
2N	29.6	29.2	28.8	28.5	28.1	27.7	27.0	26.5	26.3	25.8	24.6	24.1	23.8	23.2	23.5	23.6	23.4	23.0
2S	29.4	29.1	29.0	28.6	28.4	28.0	27.8	27.0	26.7	25.8	25.2	24.7	24.5	23.9	23.5	22.9	22.6	22.2
6S	29.1	29.0	29.1	28.7	28.5	28.1	28.0	27.5	27.1	26.6	26.1	25.6	25.0	24.4	23.6	22.8	22.4	21.8
10S	27.8	27.9	28.1	28.1	28.0	27.8	27.2	27.2	27.1	26.6	26.2	25.6	24.9	24.2	23.5	22.7	22.1	21.4
14S	26.1	26.3	26.5	26.7	26.7	26.7	26.6	26.4	26.4	25.9	25.5	24.9	24.4	23.9	23.2	22.4	21.6	20.8
18S	23.7	24.1	24.7	24.8	24.9	25.1	25.2	25.0	24.7	24.4	24.1	23.8	23.2	22.5	21.7	20.9	20.2	20.2
22S	21.3	21.5	21.8	22.2	22.5	22.7	22.8	23.0	23.0	22.9	22.9	22.6	22.3	21.9	21.3	20.6	20.1	19.4
26S	19.2	19.2	19.3	19.5	19.6	19.7	19.7	19.9	19.9	19.9	20.0	20.1	20.0	19.9	19.6	19.4	18.9	18.3
30S	17.1	17.0	17.0	17.0	17.0	16.9	16.9	17.1	17.1	17.1	17.2	17.3	17.4	17.4	17.2	17.2	17.0	16.8
34S	15.1	15.0	14.6	14.7	14.4	14.3	14.1	14.0	14.2	14.3	14.3	14.4	14.5	14.6	14.6	14.7	14.6	14.5
38S	13.3	13.1	12.4	12.7	12.1	11.7	11.5	11.5	11.6	11.8	12.0	11.9	11.9	11.9	12.0	12.0	12.0	11.9
42S	10.9	10.5	9.9	9.7	9.3	9.5	9.2	9.2	9.3	9.5	9.5	9.6	9.7	9.3	9.7	9.6	9.5	9.6
46S	8.2	8.2	8.1	8.0	7.9	7.8	7.8	7.7	7.7	7.7	7.8	7.7	7.8	7.8	7.8	7.9	7.9	8.0
50S	5.7	5.7	5.7	5.7	5.7	5.8	5.7	5.7	5.8	5.7	5.5	5.6	5.7	5.6	5.7	5.7	5.7	6.0
54S	3.3	3.3	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.3	3.4	3.3	3.3	3.2	3.3	3.4	3.7
58S	1.4	1.4	1.4	1.3	1.3	1.3	1.4	1.3	1.2	1.2	1.3	1.3	1.4	1.5	1.6	1.6	1.7	2.1
62S	0.3	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5	0.5	0.6
66S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
70S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
74S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
78S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
82S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
86S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
90S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

Table 5.3--Continued

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
86N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
82N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
78N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
74N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
70N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
66N	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
62N	3.4	3.0	3.1	0.5	0.2	2.3	4.6	4.3	4.3	5.6	7.3	8.7	6.7	7.4	4.9	4.4	4.9	6.2
58N	4.1	4.2	4.8	0.5	0.2	0.9	3.8	6.4	7.1	8.2	9.3	10.4	11.3	11.8	12.1	12.1	12.2	10.4
54N	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
50N	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
46N	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
42N	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
38N	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
34N	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
30N	26.7	26.8	26.8	26.5	26.3	26.3	26.2	26.1	25.9	25.4	24.9	24.4	24.0	23.5	22.8	21.7	21.7	21.7
26N	27.2	27.6	27.8	27.6	27.4	27.2	27.0	26.9	26.5	26.0	25.5	25.0	24.6	24.2	23.3	21.7	21.7	21.7
22N	27.6	28.1	28.1	28.2	28.1	27.9	27.4	27.2	26.5	26.0	25.5	25.0	24.6	24.2	23.3	21.7	21.7	21.7
18N	28.1	28.3	28.3	28.3	28.1	27.8	27.6	27.2	26.5	26.0	25.5	25.0	24.6	24.2	23.3	21.7	21.7	21.7
14N	28.1	28.1	28.1	28.2	27.9	27.9	28.0	28.0	27.7	27.5	27.5	27.4	27.0	27.0	27.7	27.7	27.7	27.7
10N	26.5	26.8	26.8	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.0	27.8	27.2	27.1	27.5	27.1	27.1	27.1
6N	25.1	25.5	25.9	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.0	27.8	27.2	27.1	27.5	27.1	27.1	27.1
2N	23.1	23.3	24.2	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.0	27.8	27.2	27.1	27.5	27.1	27.1	27.1
2S	21.8	21.7	21.7	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.0	27.8	27.2	27.1	27.5	27.1	27.1	27.1
6S	21.2	20.7	20.7	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.0	27.8	27.2	27.1	27.5	27.1	27.1	27.1
10S	20.7	20.0	19.3	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.0	27.8	27.2	27.1	27.5	27.1	27.1	27.1
14S	20.0	19.3	18.5	27.6	27.6	27.6	27.6	28.1	28.1	28.1	28.0	27.8	27.2	27.1	27.5	27.1	27.1	27.1
18S	19.4	18.7	17.9	17.3	17.3	17.3	17.3	17.8	17.8	17.8	17.7	17.6	17.1	17.0	17.4	17.0	17.0	17.0
22S	18.7	18.0	17.3	16.7	16.7	16.7	16.7	17.2	17.2	17.2	17.1	17.0	16.5	16.4	16.8	16.4	16.4	16.4
26S	17.8	17.2	16.6	15.8	15.8	15.8	15.8	16.3	16.3	16.3	16.2	16.1	15.6	15.5	15.9	15.5	15.5	15.5
30S	16.6	15.9	15.2	14.4	14.4	14.4	14.4	14.9	14.9	14.9	14.8	14.7	14.2	14.1	14.5	14.1	14.1	14.1
34S	14.3	13.8	13.5	12.9	12.9	12.9	12.9	13.4	13.4	13.4	13.3	13.2	12.7	12.6	13.0	12.6	12.6	12.6
38S	11.9	11.8	11.6	11.4	11.4	11.4	11.4	11.9	11.9	11.9	11.8	11.7	11.2	11.1	11.5	11.1	11.1	11.1
42S	9.7	9.4	9.8	9.8	9.8	9.8	9.8	10.3	10.3	10.3	10.2	10.1	9.6	9.5	9.9	9.5	9.5	9.5
46S	8.1	8.3	8.6	8.6	8.6	8.6	8.6	9.1	9.1	9.1	9.0	8.9	8.4	8.3	8.7	8.3	8.3	8.3
50S	6.2	6.5	7.0	7.0	7.0	7.0	7.0	7.5	7.5	7.5	7.4	7.3	6.8	6.7	7.1	6.7	6.7	6.7
54S	3.9	4.3	4.7	4.9	4.9	4.9	4.9	5.4	5.4	5.4	5.3	5.2	4.7	4.6	5.0	4.6	4.6	4.6
58S	2.3	2.6	2.8	2.6	2.2	1.1	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0	-0.0
62S	0.5	0.6	0.6	0.4	0.0	I	I	I	I	I	I	I	I	I	I	I	I	I
66S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
70S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
74S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
78S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
82S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
86S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
90S	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I







Table 5.3--Continued

[illegible]

Table 5.4

OCTOBER SURFACE RELATIVE HUMIDITY (%)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130M	125W	120W	115W	110W	105W	100W	95W
90N	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42
80N	92.42	91.77	91.12	91.12	91.12	91.12	91.12	91.12	91.76	91.76	91.76	91.76	91.76	91.12	91.76	91.12	91.12	91.76
72N	75.57	75.28	77.36	78.15	79.37	82.72	86.22	86.22	89.74	92.59	93.57	93.57	94.56	94.23	94.56	94.23	93.14	92.59
64N	66.99	67.61	70.12	70.82	71.38	74.28	78.64	79.97	85.45	90.23	92.42	93.37	94.66	94.33	94.01	94.66	94.19	93.06
56N	58.96	61.83	74.13	73.16	70.39	71.25	74.06	76.69	82.20	89.82	92.68	92.68	92.67	91.44	90.61	91.12	90.37	93.86
48N	72.79	80.87	88.29	82.99	73.65	78.62	81.10	81.95	86.07	93.15	93.12	94.43	95.37	92.39	91.58	87.84	84.24	83.55
40N	87.85	90.31	82.99	78.92	74.01	69.87	74.41	87.45	93.07	96.85	96.24	99.09	94.96	90.42	88.00	85.53	87.44	88.96
32N	95.05	92.47	84.22	82.21	76.30	70.56	74.17	81.27	73.41	83.04	90.39	93.26	89.19	86.21	89.40	89.25	91.76	90.09
24N	96.30	92.09	83.95	78.76	77.38	75.76	77.67	80.16	71.39	78.74	81.03	83.65	80.69	78.08	83.08	88.73	91.45	87.17
16N	93.40	90.89	81.88	72.82	78.41	82.46	82.96	86.09	87.43	85.50	77.10	77.94	75.13	70.18	70.82	80.63	81.86	82.19
8N	86.95	87.54	84.58	83.48	84.74	88.42	87.90	89.14	91.00	88.56	90.91	87.22	80.35	69.80	63.34	68.44	62.28	77.96
0N	86.77	86.89	86.30	86.12	85.95	86.72	85.77	86.05	85.02	85.02	86.30	79.25	61.40	51.38	46.35	51.90	58.89	62.06
120E	83.54	83.54	84.21	83.91	84.40	83.79	82.43	83.14	83.10	82.65	82.99	76.36	48.83	44.01	39.72	43.12	55.12	57.74
108E	79.38	79.17	79.59	79.71	80.16	79.16	78.06	77.96	79.86	80.66	81.63	79.05	50.55	35.72	35.86	41.80	51.80	59.27
96E	75.06	74.57	74.38	75.14	74.68	74.10	73.89	74.75	75.43	78.53	81.34	84.25	66.11	34.73	36.15	45.56	51.30	63.63
84E	70.28	69.83	70.69	70.65	70.20	71.05	71.89	73.21	74.06	75.90	79.81	83.95	83.39	70.82	50.68	48.70	58.10	64.33
72E	71.20	70.38	70.53	70.86	70.39	70.51	71.69	74.49	75.38	76.86	79.17	82.00	83.18	78.23	72.89	56.14	64.76	78.24
60E	72.10	72.25	71.95	72.37	71.88	70.73	71.75	74.91	75.53	76.07	77.67	80.14	82.03	80.33	82.90	72.43	66.51	80.25
48E	71.52	72.56	73.16	73.95	73.83	73.58	74.28	76.39	76.27	75.88	77.11	79.35	80.40	81.10	86.05	83.63	71.89	81.69
36E	70.12	71.14	73.34	74.50	75.13	77.55	78.11	78.37	77.88	77.19	78.25	79.93	79.86	82.21	86.50	84.04	81.23	86.29
24E	70.49	70.49	72.68	73.12	74.46	77.23	78.15	77.65	79.10	79.99	81.07	81.57	83.11	82.60	83.12	83.14	87.36	88.44
16E	71.22	70.87	69.88	69.62	70.89	74.23	76.23	79.56	81.03	82.33	83.45	83.55	83.03	79.29	77.02	77.01	78.91	80.77
8E	72.46	70.95	68.43	67.98	69.97	72.65	74.62	78.26	79.99	82.38	85.28	84.31	82.01	78.07	75.15	73.99	73.96	73.89
0E	75.02	72.92	70.86	69.52	69.79	71.57	73.34	76.35	78.03	79.96	81.93	80.98	78.93	76.44	74.49	73.11	72.58	71.45
120W	77.20	75.96	75.76	73.89	71.77	73.48	75.37	76.75	76.91	75.32	75.24	75.24	74.78	73.78	73.60	72.86	72.57	72.20
108W	74.54	75.93	76.87	78.79	81.22	79.71	77.24	75.78	77.17	76.19	72.43	72.32	72.22	71.23	72.49	71.00	70.60	70.33
96W	72.19	73.55	73.74	74.84	76.43	76.89	76.79	76.87	77.91	75.02	72.73	71.92	72.55	72.27	73.94	70.58	70.25	70.62
84W	71.12	72.22	72.22	72.31	73.13	73.49	73.65	74.71	75.36	74.31	73.51	72.80	73.65	74.42	73.95	71.20	70.91	70.08
72W	70.07	71.53	72.07	71.98	72.25	72.25	71.90	72.92	73.59	74.06	74.80	74.48	74.62	75.03	72.47	70.34	69.16	69.06
60W	68.43	70.96	73.27	73.26	73.06	73.07	72.15	72.55	73.42	73.83	75.37	75.37	74.28	73.36	70.51	68.35	68.21	68.27
48W	66.22	69.80	73.07	74.00	73.03	73.03	72.09	72.12	72.64	72.68	72.70	72.70	71.29	70.80	69.85	68.43	68.38	68.15
36W	74.90	76.91	78.86	80.74	80.94	81.80	82.01	82.01	77.86	77.06	76.26	76.26	75.56	74.66	73.65	72.95	72.93	73.58
24W	76.74	78.32	79.89	81.39	82.58	84.02	85.60	85.94	83.65	82.87	82.10	81.12	80.26	73.56	73.55	72.25	72.24	71.93
12W	78.37	79.14	80.74	81.39	82.36	83.82	85.65	86.22	86.45	86.09	85.51	84.01	83.10	76.07	76.28	75.55	74.15	73.41
0W	81.76	81.31	82.53	82.41	82.27	83.28	84.54	85.11	85.92	86.03	85.79	84.61	84.02	83.09	81.94	80.80	79.75	78.79
120E	82.89	82.88	82.30	81.73	81.15	81.70	83.44	83.98	85.74	96.34	87.54	86.32	85.71	85.71	84.52	83.34	82.75	82.17
108E	82.57	86.94	80.60	80.93	81.28	81.40	82.66	82.78	84.07	84.19	84.90	84.66	84.54	83.10	82.40	82.64	82.07	81.96
96E	82.13	83.97	81.18	80.69	80.58	81.04	81.88	81.88	81.88	81.53	81.78	81.79	81.08	80.73	81.23	81.13	81.26	80.94
84E	81.56	80.94	81.31	80.81	79.95	79.95	79.71	79.23	79.36	79.00	79.26	79.76	78.83	79.44	80.70	80.36	81.48	81.17
72E	80.69	80.45	80.71	81.47	80.44	80.56	79.94	78.67	78.05	77.93	78.19	79.07	78.36	78.77	79.82	79.86	81.55	81.96
60E	79.18	80.57	81.95	83.32	83.31	84.00	83.31	81.95	81.28	80.62	79.31	78.66	77.39	76.78	76.82	76.90	77.58	74.57
48E	71.66	67.47	70.07	72.59	72.55	77.67	77.25	77.25	71.69	66.49	71.13	65.94	65.70	70.65	65.82	70.85	71.16	71.56
36E	73.40	71.01	76.24	72.93	73.24	73.02	75.62	75.41	68.52	62.20	60.88	58.54	61.74	67.82	67.46	63.62	63.62	63.62
24E	60.00	62.48	66.03	64.77	64.61	64.44	64.28	64.12	60.30	56.66	55.27	59.58	62.88	69.07	68.66	68.40	64.00	61.15
12E	43.90	48.11	48.11	52.35	52.35	52.35	52.35	52.08	51.81	55.88	55.88	65.63	65.40	70.76	70.56	70.35	70.15	63.76
0E	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25

Table 5.4--Continued

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42
86N	91.12	90.49	91.13	90.50	89.87	90.50	89.87	90.51	90.51	91.15	92.44	93.74	95.07	96.40	96.41	93.77	90.41	83.47
82N	91.30	87.68	90.29	91.85	94.45	92.23	62.94	84.87	83.44	83.77	75.33	74.49	72.85	72.09	84.76	87.68	89.48	82.71
78N	90.90	84.26	81.59	81.55	80.65	77.38	52.22	86.76	83.40	85.81	74.11	74.47	67.45	55.21	78.55	83.05	85.40	80.15
74N	88.58	82.51	75.65	73.67	68.48	66.04	60.40	89.42	74.31	93.01	87.48	94.65	82.88	56.30	83.02	85.28	82.83	50.41
70N	83.57	85.81	94.59	99.22	99.23	93.34	80.28	36.80	36.80	76.04	72.07	86.05	94.17	83.72	94.11	98.51	92.24	52.35
66N	90.13	92.91	93.54	96.20	94.46	97.45	90.15	77.09	80.59	88.70	74.34	84.88	85.88	84.72	91.21	98.01	95.13	51.98
62N	90.48	91.86	89.27	89.28	88.48	91.25	88.41	80.53	80.73	76.78	79.74	82.75	83.39	84.78	87.70	90.06	88.94	87.12
58N	88.39	88.57	81.00	81.18	83.30	84.83	83.04	73.50	73.50	81.80	81.80	81.63	82.48	83.37	83.66	83.56	84.33	80.25
54N	87.21	85.48	74.29	76.97	80.63	82.94	80.92	80.96	81.42	80.11	79.62	81.24	82.37	81.89	80.75	81.64	83.57	80.25
50N	87.91	81.86	78.46	84.15	82.42	86.67	87.38	82.06	88.74	81.27	78.21	78.94	83.99	83.49	81.87	84.11	82.53	81.15
46N	70.16	78.62	78.86	75.95	76.95	86.08	86.82	81.63	84.76	79.94	74.22	77.28	80.77	81.55	78.71	80.82	68.13	51.52
42N	62.53	66.41	72.61	69.00	81.84	85.68	85.32	82.33	82.24	79.99	75.66	77.74	78.33	80.29	81.90	83.39	81.48	60.76
38N	61.08	59.62	67.78	71.21	83.34	82.46	81.44	78.89	78.56	78.17	76.62	77.62	76.98	78.64	85.74	84.39	78.10	74.54
34N	64.32	61.09	68.95	80.27	80.04	78.55	77.27	75.11	75.14	75.12	75.65	76.49	76.71	77.42	85.41	78.71	75.43	65.76
30N	71.77	69.06	79.37	83.49	81.44	79.93	77.47	77.46	76.45	74.53	75.43	75.88	77.27	79.21	77.63	65.12	58.44	42.91
26N	79.58	78.99	77.16	79.54	79.55	80.45	78.75	78.35	78.50	76.92	77.84	77.12	77.77	79.71	78.14	64.68	51.87	40.43
22N	79.74	86.61	79.92	76.36	80.87	79.44	77.97	78.31	78.48	78.16	79.10	78.67	78.55	78.72	76.00	57.08	38.49	28.00
18N	82.67	86.54	82.00	76.47	80.76	79.12	80.13	78.91	78.13	78.21	78.77	79.53	79.42	78.43	75.25	59.58	38.25	31.65
14N	88.32	84.48	82.84	79.29	77.68	79.44	85.21	79.62	78.53	78.04	77.93	79.48	80.28	80.02	77.67	73.72	55.00	50.08
10N	83.65	97.53	87.36	81.14	73.06	78.18	77.33	77.73	80.09	73.59	79.11	79.12	81.12	83.72	83.28	83.73	78.63	74.51
6N	80.70	82.82	80.28	73.47	76.52	90.48	74.73	73.33	82.08	80.75	79.86	80.28	81.51	82.45	82.37	82.01	81.33	78.45
2N	74.01	79.71	85.73	74.92	82.27	86.61	72.91	73.36	82.91	79.56	77.70	79.35	80.35	80.27	80.25	80.60	80.75	80.16
25	73.76	84.68	87.29	76.34	86.10	83.97	77.11	79.14	82.96	72.44	64.50	76.44	78.54	77.63	78.37	78.50	76.70	80.40
65	78.53	90.65	83.46	73.57	86.43	84.45	82.23	85.54	80.88	64.19	50.18	74.59	76.60	75.45	76.31	75.46	72.51	77.45
105	74.90	83.01	89.63	67.71	85.07	75.75	80.47	78.46	73.88	64.48	50.02	79.55	74.69	75.02	72.07	71.95	73.27	75.11
145	73.69	77.98	80.40	78.63	76.10	49.39	75.80	76.50	69.63	68.98	61.28	77.91	74.59	75.12	70.51	71.12	73.13	70.10
185	72.77	75.80	77.24	77.02	75.62	48.66	63.33	72.55	68.31	67.62	78.53	77.38	73.30	70.17	68.98	70.28	72.20	75.14
225	70.79	73.34	75.10	74.20	75.99	50.86	57.62	71.42	70.95	70.17	80.49	76.02	72.35	70.16	69.18	70.16	72.09	74.60
265	68.53	70.44	72.13	73.62	74.03	49.53	60.46	73.70	75.50	76.97	76.70	74.22	72.55	71.00	71.50	71.35	73.45	75.32
305	68.69	69.52	68.96	70.73	71.32	50.54	66.83	76.04	75.23	76.75	75.23	74.69	74.14	74.10	75.04	74.51	75.97	75.94
345	72.19	70.01	67.60	71.69	74.27	55.96	74.20	75.75	75.64	76.76	77.23	77.50	77.77	77.35	77.95	78.66	79.39	81.06
385	70.76	69.00	68.41	76.58	58.03	54.62	80.30	79.43	78.20	77.06	77.77	78.27	78.78	78.56	79.40	80.47	81.87	83.23
425	72.35	71.74	72.74	79.73	48.88	54.44	84.71	83.08	79.32	76.45	76.75	76.83	77.13	76.91	77.95	77.71	80.00	81.32
465	78.45	78.21	79.09	78.54	49.34	59.98	86.75	83.65	78.52	75.61	75.47	74.81	73.96	74.45	75.37	73.94	77.57	78.09
505	82.74	81.59	81.57	74.78	50.19	73.41	85.61	80.77	79.00	77.27	76.67	75.57	71.39	76.04	76.57	78.22	77.05	79.90
545	82.09	81.87	81.88	80.48	70.22	75.67	79.31	80.55	82.41	82.43	82.24	80.07	80.66	81.09	83.13	83.98	83.71	84.02
585	81.69	81.36	81.39	79.08	80.71	82.01	83.43	85.31	85.86	84.64	83.97	84.46	84.06	84.06	84.28	84.13	83.73	83.20
625	82.70	82.13	82.04	82.65	82.15	84.65	85.27	84.71	85.65	86.25	84.76	85.12	84.83	84.42	83.35	82.16	81.43	79.96
665	84.26	83.93	84.60	85.63	84.13	84.88	83.51	82.72	83.85	84.65	84.11	84.10	83.93	83.24	82.67	80.39	77.89	72.76
705	82.96	83.68	84.34	87.03	84.69	80.67	74.76	79.64	83.17	84.65	84.69	84.69	86.81	83.19	83.13	79.59	72.48	53.81
745	72.22	72.37	72.14	77.71	82.84	81.95	65.15	58.03	63.65	66.78	65.00	60.53	58.98	56.62	71.66	63.91	66.01	60.71
785	67.40	67.40	67.20	65.68	64.35	68.42	58.18	54.74	54.20	58.79	57.77	58.53	53.71	62.41	70.43	61.59	77.57	71.85
825	68.02	68.02	65.23	61.27	57.77	64.34	58.47	58.84	55.45	56.62	58.84	62.17	57.64	69.26	68.36	66.02	77.14	80.25
865	69.94	69.94	64.00	64.00	64.00	70.15	64.24	64.24	64.24	58.62	64.24	64.00	63.76	63.52	63.28	69.30	62.78	57.01
905	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25

Table 5.4--Continued

	0E	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42
86N	78.58	75.49	74.52	72.10	73.64	71.73	71.29	73.23	75.25	77.79	79.37	82.62	80.96	80.54	80.35	83.12	81.42	85.65
82N	76.22	76.10	75.04	75.12	75.88	74.94	72.55	75.22	76.88	76.92	80.28	84.22	36.28	86.82	89.82	90.85	89.52	80.46
78N	79.46	79.35	79.26	80.99	80.77	81.25	78.50	79.02	73.44	76.06	77.98	80.63	84.53	87.52	89.31	90.28	89.65	91.95
74N	84.44	81.53	82.42	83.16	82.89	85.94	82.80	79.24	75.67	73.27	72.02	72.67	75.15	77.17	79.39	82.94	83.75	91.42
70N	87.93	87.37	86.77	85.50	86.58	87.83	86.47	80.96	75.20	73.64	73.64	72.90	74.45	80.20	87.12	93.29	98.46	96.14
66N	85.21	81.87	84.44	86.80	93.30	91.81	88.52	87.04	83.62	80.55	88.60	85.29	86.13	89.24	94.39	95.68	91.25	86.08
62N	85.36	81.99	85.65	86.98	88.50	87.82	86.11	87.03	84.74	80.63	85.37	87.26	87.08	86.90	89.27	87.29	83.06	80.75
58N	89.55	82.78	86.96	86.96	84.09	85.01	84.30	83.23	82.64	80.58	81.68	85.16	82.76	80.67	80.68	77.76	74.95	77.49
54N	93.50	83.70	86.39	85.99	83.01	83.50	84.30	80.25	80.17	80.58	81.46	80.64	76.13	74.67	73.63	77.44	69.09	77.49
50N	86.77	88.43	83.52	81.79	81.16	77.19	84.02	80.46	78.14	78.14	75.90	70.55	66.92	68.30	69.60	64.67	70.75	81.95
46N	90.65	83.86	75.01	77.03	73.04	75.76	76.15	73.24	64.18	75.87	67.75	65.68	66.62	65.69	60.95	58.04	72.01	83.45
42N	75.96	72.11	76.42	75.40	74.44	66.33	64.13	68.40	66.98	62.31	59.65	57.23	60.82	57.63	51.68	54.12	46.88	39.00
38N	63.01	60.01	75.72	76.04	74.05	63.22	62.17	60.53	54.40	40.77	49.87	46.82	55.89	46.70	41.90	53.30	42.65	32.14
34N	52.22	49.74	65.09	71.60	66.86	62.68	66.83	50.68	36.23	29.00	43.09	43.17	53.65	37.57	37.09	53.26	59.25	41.04
30N	35.93	39.74	48.22	52.03	54.11	49.60	60.78	42.02	34.28	40.91	58.59	63.49	53.17	34.07	46.15	49.01	62.08	58.69
26N	31.29	25.67	33.82	35.19	36.40	33.49	41.70	53.26	48.19	32.48	50.65	75.21	81.95	64.39	45.09	44.42	56.86	87.61
22N	24.17	25.83	25.66	26.58	28.22	26.70	28.55	38.66	55.53	34.15	36.24	45.97	68.18	74.33	61.10	52.90	62.93	71.60
18N	28.26	31.49	27.20	26.65	28.52	25.46	27.68	34.47	55.99	44.01	42.73	44.71	73.10	75.13	75.59	65.61	74.51	75.26
14N	49.04	43.02	38.46	37.60	39.00	31.56	39.27	44.80	52.51	57.50	72.26	74.34	76.21	75.76	76.82	75.79	82.69	79.31
10N	74.83	74.84	53.70	71.63	69.87	57.95	61.90	55.37	47.21	56.42	69.81	76.68	76.26	76.29	77.26	81.12	77.83	79.29
6N	78.57	80.96	79.17	79.25	81.40	79.98	73.66	48.20	60.09	62.25	73.46	77.10	77.81	77.85	78.43	77.68	76.66	77.71
2N	82.18	82.22	86.92	84.52	85.53	87.97	74.81	51.99	62.04	69.97	76.92	77.49	78.20	77.09	78.13	76.53	75.24	75.32
2S	82.50	82.13	86.52	82.86	81.81	86.25	68.09	54.24	66.49	75.69	77.47	78.07	77.81	77.09	77.93	77.08	75.77	74.74
6S	79.73	81.89	85.89	76.53	73.61	76.14	57.12	51.20	74.48	78.07	75.41	78.53	77.70	78.39	78.29	78.00	77.53	75.82
10S	77.52	80.67	84.88	73.26	65.68	54.75	43.61	49.61	69.72	79.96	74.17	78.55	79.56	79.08	78.60	77.16	76.09	75.75
14S	78.93	83.18	87.74	44.04	41.89	41.30	37.19	51.49	59.21	78.09	72.45	77.57	76.71	76.60	75.36	74.32	74.23	73.68
18S	78.62	80.71	87.00	33.63	32.08	36.80	42.07	65.92	68.50	75.13	78.93	74.75	72.22	71.65	71.90	71.79	72.61	72.70
22S	77.54	77.74	82.68	43.40	27.87	36.45	48.59	75.72	76.83	76.61	80.52	71.78	70.00	69.25	70.56	70.98	72.14	72.71
26S	76.66	76.58	77.90	74.75	27.48	38.37	54.93	74.54	75.95	80.54	75.51	70.72	70.63	70.65	71.82	72.33	73.23	74.17
30S	76.91	76.87	77.89	81.43	32.82	41.63	72.16	77.00	76.46	76.41	74.82	73.74	71.76	74.08	74.51	75.45	76.46	77.40
34S	83.02	83.46	83.26	79.82	63.06	64.76	74.11	76.23	76.46	75.21	74.79	74.90	72.68	74.51	75.37	76.55	76.54	77.11
38S	84.82	85.75	85.91	80.80	76.36	75.30	76.61	76.25	76.67	76.29	75.31	74.87	73.46	73.74	74.11	75.07	74.51	74.01
42S	82.23	82.92	83.08	79.29	77.53	77.65	77.07	76.46	77.12	78.87	78.31	76.19	73.73	72.61	72.19	72.56	71.95	71.54
46S	78.74	78.76	78.11	76.63	77.40	78.05	77.36	76.97	78.13	81.25	81.92	78.30	74.01	72.14	71.01	70.52	70.42	70.75
50S	81.04	81.01	79.84	80.99	80.39	79.23	78.07	78.63	80.35	80.32	79.14	76.86	74.66	73.58	72.01	71.50	70.99	70.50
54S	85.06	84.55	84.28	83.52	82.89	81.66	80.45	81.05	80.92	79.47	79.23	78.30	77.36	77.16	76.37	75.37	75.28	74.50
58S	83.19	82.56	83.50	82.43	82.55	82.43	82.30	82.56	81.92	80.80	80.43	79.46	78.52	78.90	78.31	77.14	77.86	76.66
62S	79.20	78.59	79.60	78.29	77.94	78.33	78.46	78.44	78.53	77.85	74.80	73.36	72.50	74.22	76.58	75.87	74.66	74.66
66S	71.59	69.86	68.18	67.83	65.94	66.19	67.03	67.69	68.76	70.24	65.83	65.28	62.81	64.24	69.14	69.12	76.53	68.46
70S	54.73	49.57	41.92	46.66	44.40	45.14	49.89	52.60	53.35	62.76	66.99	73.03	59.53	51.43	53.97	53.66	68.77	60.15
74S	76.73	76.73	67.15	68.98	68.09	68.17	69.98	70.81	77.86	81.20	75.32	73.04	67.08	64.78	65.25	71.24	75.62	73.49
78S	84.50	82.41	72.59	77.97	77.84	83.71	83.71	83.54	81.32	81.25	71.22	73.24	79.19	79.39	79.39	83.54	83.47	83.40
82S	76.66	71.12	65.54	70.26	73.69	79.27	79.19	79.06	72.93	72.93	63.77	72.82	74.65	74.80	74.80	74.80	74.80	74.80
86S	62.52	62.07	61.76	67.96	67.73	67.50	67.50	67.50	67.26	67.26	60.70	67.03	60.43	60.43	60.43	60.43	60.43	60.43
90S	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25



Table 5.4--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42	92.42
86N	83.63	83.60	81.88	83.54	83.52	81.76	82.86	85.14	87.50	91.82	95.01	93.74	92.44	91.78	91.78	91.78	92.42	92.42
82N	88.04	86.30	82.94	84.93	85.75	86.98	89.26	92.26	93.02	94.26	92.50	97.71	82.29	78.64	76.21	75.77	75.61	75.34
78N	91.45	86.55	81.10	81.13	81.35	83.86	86.29	88.55	88.71	93.50	88.86	84.13	78.84	72.72	67.72	66.38	65.53	66.36
74N	88.55	81.23	74.80	74.85	71.87	72.66	73.59	73.46	74.05	83.39	81.05	79.91	79.42	74.65	69.93	66.24	63.30	64.70
70N	82.51	76.59	72.80	83.66	73.19	72.52	70.03	54.84	62.69	60.66	61.70	63.35	67.77	73.72	78.98	69.03	59.26	58.51
66N	86.74	86.99	75.03	83.46	77.28	77.09	76.02	72.40	69.40	81.84	79.21	75.49	60.85	60.62	70.69	65.86	83.99	80.17
62N	81.47	85.12	80.99	84.14	78.67	73.56	73.51	75.75	74.40	78.63	80.81	79.20	76.30	75.45	75.27	78.18	80.78	90.25
58N	75.93	73.79	80.57	80.51	80.43	71.18	70.95	71.86	75.41	76.09	82.27	84.28	90.49	86.21	79.70	76.62	79.95	89.78
54N	74.41	67.14	74.48	75.05	79.93	68.85	67.20	64.21	73.00	77.06	85.05	89.66	90.10	81.11	80.05	84.32	87.15	91.44
50N	78.25	87.57	73.14	75.92	69.68	58.05	54.81	60.53	70.25	65.15	75.75	82.13	81.56	76.96	81.02	82.27	84.02	85.18
46N	59.06	74.02	62.72	52.84	61.50	62.58	61.00	58.63	74.13	70.95	72.25	76.69	80.47	78.78	80.13	82.19	84.37	85.98
42N	48.57	44.07	48.53	51.33	52.44	50.87	61.89	62.68	68.76	70.71	75.68	77.72	80.01	79.02	79.94	81.47	83.01	83.34
38N	55.71	36.76	53.12	61.58	62.26	53.04	62.72	68.05	69.25	72.45	76.77	77.89	77.87	76.90	77.90	79.93	80.55	79.61
34N	77.44	52.10	77.66	75.64	75.15	69.15	68.00	72.11	74.73	75.22	74.28	76.07	74.86	73.53	74.05	76.76	76.74	76.04
30N	66.49	86.63	88.10	77.65	83.95	68.94	83.26	74.49	70.45	69.38	74.52	76.47	74.12	71.36	70.42	70.81	70.76	71.19
26N	81.56	79.64	80.45	93.59	71.30	74.12	81.58	77.99	77.40	76.68	77.34	77.80	76.92	74.84	72.41	71.75	70.99	71.41
22N	82.22	77.95	82.00	87.56	77.49	80.29	80.84	79.63	77.38	77.38	77.34	79.04	79.12	77.19	74.36	72.90	71.45	71.67
18N	81.28	79.18	82.30	81.30	82.79	81.40	80.28	80.38	77.12	75.74	77.41	81.25	81.54	76.75	75.94	73.74	71.93	71.55
14N	82.28	81.53	80.42	81.60	81.01	78.42	80.36	81.23	79.38	77.66	78.79	83.61	84.11	84.78	77.42	74.73	72.81	74.11
10N	80.25	82.71	83.19	83.68	80.72	78.83	82.74	83.22	83.76	80.75	80.75	83.23	85.79	85.26	79.76	77.37	75.04	71.85
6N	75.99	73.07	79.10	83.30	79.59	78.39	82.69	82.37	84.13	84.77	81.54	80.85	82.93	86.11	84.97	78.51	76.53	73.66
2N	74.66	74.14	77.56	79.30	78.40	80.28	78.78	78.88	81.50	84.87	81.71	77.93	78.69	83.85	85.09	80.25	77.75	74.66
2S	74.45	73.97	75.88	77.50	75.68	77.33	74.04	74.33	77.97	81.58	79.63	77.07	76.21	80.24	80.25	79.09	77.16	75.97
6S	74.79	74.42	74.32	77.12	73.23	71.70	70.91	69.60	75.31	76.58	76.72	77.99	77.69	76.85	73.35	74.38	75.50	76.45
10S	76.22	76.22	75.76	77.20	75.78	73.49	71.25	64.84	74.97	72.19	77.17	77.64	85.23	74.91	68.68	68.30	70.04	72.71
14S	73.69	73.78	72.71	74.75	75.24	76.70	75.54	66.96	51.15	44.75	67.75	70.18	76.75	76.32	68.19	66.75	67.46	70.03
18S	72.68	72.42	72.15	71.42	71.51	68.45	51.52	38.04	30.09	29.57	41.23	52.00	59.63	76.24	69.43	67.16	68.36	75.21
22S	73.14	73.04	72.20	70.36	67.75	51.78	29.10	23.35	22.75	23.97	26.58	36.65	51.84	74.11	70.40	68.05	69.06	69.51
26S	74.93	75.51	74.15	72.63	67.31	41.90	21.52	22.86	25.77	25.76	23.71	29.69	46.71	71.06	71.20	69.03	68.17	67.51
30S	77.40	78.44	77.43	77.43	74.44	60.13	43.11	35.10	35.55	35.58	31.63	35.22	47.52	69.62	74.27	70.88	66.74	65.38
34S	77.93	78.98	78.78	79.64	77.80	71.82	65.43	64.95	65.79	63.32	56.08	45.33	59.17	74.94	76.73	72.06	67.77	67.77
38S	74.41	75.42	75.43	76.80	76.84	75.72	74.42	75.97	76.69	75.56	71.37	62.74	71.36	77.63	75.86	70.88	65.17	69.13
42S	71.15	71.73	71.75	72.48	73.52	73.87	73.62	74.37	74.70	74.61	74.02	72.75	74.44	74.96	73.03	69.68	68.47	72.92
46S	69.86	69.96	69.89	69.73	70.66	70.64	71.00	71.97	72.13	72.05	70.71	69.99	69.23	69.83	70.83	70.66	76.50	79.29
50S	70.02	70.56	70.08	71.12	71.69	71.26	72.91	73.54	74.14	77.94	70.72	70.79	68.86	69.91	72.99	76.18	81.16	84.07
54S	74.21	73.46	72.94	72.33	72.46	71.99	73.24	74.74	74.51	75.78	74.37	76.19	76.68	76.52	78.12	81.13	83.61	83.27
58S	76.34	76.59	76.36	75.93	74.93	74.06	74.56	75.30	75.16	75.46	75.22	76.87	77.73	77.22	78.40	79.61	81.15	81.64
62S	73.36	74.29	75.24	75.25	73.53	72.17	72.62	72.40	72.90	74.11	74.13	75.88	77.98	77.45	78.69	78.97	80.19	80.81
66S	66.31	67.83	69.74	69.74	68.32	68.10	67.77	68.38	69.32	73.04	71.34	72.37	77.44	74.78	75.80	79.19	79.11	80.54
70S	58.91	65.06	65.06	65.06	65.06	72.56	65.06	72.32	72.32	80.66	65.62	59.84	67.77	57.92	58.29	71.68	73.79	78.46
74S	66.50	55.82	50.50	50.50	55.82	57.23	61.91	69.87	70.09	72.00	63.28	57.28	71.10	81.32	61.80	55.19	57.73	66.62
78S	79.15	65.76	62.54	58.15	52.75	49.20	52.21	64.21	69.49	65.01	58.72	61.09	72.37	66.61	66.29	61.25	62.63	70.76
82S	71.00	65.51	65.70	61.17	52.75	51.83	52.21	61.19	66.26	65.01	58.72	60.96	65.94	61.05	69.92	73.12	63.05	62.14
86S	54.73	54.73	54.73	55.02	55.13	61.24	61.50	61.74	62.02	68.42	62.78	57.55	57.82	70.15	70.35	77.32	55.36	47.26
90S	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25	63.25









Table 5.5A--Continued

[illegible]



OCTOBER TOTAL CLOUD COVER (%/100)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N																		
86N																		
82N																		
78N																		
74N																		
70N																		
66N																		
62N	0.7	0.7	0.6	0.6	0.7	0.6	0.7	0.7	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.7	0.8	0.8
58N	0.6	0.6	0.6	0.6	0.5	0.7	0.5	0.5	0.6	0.7	0.7	0.8	0.5	0.6	0.6	0.7	0.8	0.8
54N	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.6	0.6	0.6	0.7	0.7	0.8	0.8
50N	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.6	0.6	0.6	0.6	0.6	0.6
46N	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42N	0.7	0.7	0.7	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.6
38N	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.6
34N	0.4	0.5	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4
30N	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4
26N	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.5	0.4	0.4	0.2	0.2	0.4	0.5	0.5
22N	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.4	0.2	0.1	0.3	0.4	0.5
18N	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.5
14N	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5
10N	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.5	0.5
6N	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6
2N	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.4	0.5	0.6	0.6
2S	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.4
6S	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.5
10S	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
14S	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.4	0.4
18S	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.4	0.4
22S	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4
26S	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4
30S	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
34S	0.3	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
38S	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.5
42S	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
46S	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
50S	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
54S	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
58S	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.7	0.7	0.7
62S	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
66S																		
70S																		
74S																		
78S																		
82S																		
86S																		
90S																		



	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N*****																		
86N*****																		
82N*****																		
78N*****																		
74N*****																		
70N*****																		
66N*****																		
62N*****	0.7	0.7	0.7	0.9	0.6	0.6	0.7	0.6	0.6	1.0	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6
58N*****	0.8	0.8	0.7	0.8	0.8	0.9	0.6	0.8	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.6
54N*****														0.7	0.7	0.7	0.7	0.7
50N*****	0.7	0.7	0.7	0.7	0.7	0.5	0.5	0.6	0.6	0.7	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6
46N*****	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
42N*****	0.6	0.6	0.6	0.6	0.4	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.5	0.5
38N*****	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5
34N*****	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.3	0.5
30N*****	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.5
26N*****	0.4	0.4	0.5	0.4	0.3	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.4	0.6
22N*****	0.2	0.4	0.5	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.7	0.6	0.6
18N*****	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.6	0.6
14N*****	0.5	0.7	0.4	0.3	0.2	0.3	0.4	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.6	0.6
10N*****	0.5	0.7	0.5	0.6	0.5	0.4	0.3	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4
6N*****	0.7	0.7	0.7	0.4	0.6	0.4	0.3	0.3	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
2N*****	0.5	0.5	0.5	0.6	0.6	0.5	0.3	0.3	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6
25*****	0.4	0.6	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4
65*****	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3
105*****	0.5	0.6	0.7	0.6	0.5	0.5	0.5	0.5	0.6	0.5	0.4	0.2	0.2	0.3	0.3	0.5	0.5	0.7
145*****	0.5	0.6	0.7	0.6	0.8	0.5	0.6	0.6	0.5	0.5	0.5	0.2	0.2	0.2	0.4	0.5	0.6	0.6
185*****	0.5	0.6	0.6	0.7	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.4	0.3	0.3	0.3	0.3	0.4	0.5
225*****	0.4	0.4	0.4	0.6	0.3	0.6	0.4	0.5	0.5	0.6	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.5
265*****	0.4	0.4	0.4	0.4	0.2	0.5	0.4	0.5	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
305*****	0.4	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
345*****	0.4	0.4	0.4	0.3	0.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5
385*****	0.6	0.5	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5
425*****	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.6
465*****	0.5	0.5	0.6	0.7	0.5	0.3	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7
505*****	0.6	0.6	0.6	0.8	0.6	0.3	0.5	0.6	0.6	0.7	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.7
545*****	0.7	0.7	0.7	0.8	0.6	0.6	0.5	0.6	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.7
585*****	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
625*****	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
66S*****																		
70S*****																		
74S*****																		
78S*****																		
82S*****																		
86S*****																		
90S*****																		

	OE	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N																		
86N																		
82N																		
78N																		
74N																		
70N																		
66N																		
62N	0.6	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7
58N	0.7	0.7	0.7	0.7	0.6	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7
54N	0.6	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.7	0.6
50N	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
46N	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.6
42N	0.4	0.4	0.3	0.4	0.4	0.5	0.5	0.5	0.6	0.5	0.6	0.7	0.7	0.6	0.6	0.6	0.7	0.6
38N	0.3	0.3	0.3	0.3	0.3	0.3	0.5	0.5	0.5	0.5	0.7	0.5	0.5	0.5	0.5	0.7	0.5	0.4
34N	0.5	0.7	0.7	0.3	0.3	0.3	0.3	0.3	0.6	0.5	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.6
30N	0.8	0.8	0.7	0.7	0.8	0.8	0.7	0.5	0.7	0.3	0.3	0.5	0.4	0.4	0.4	0.3	0.4	0.5
26N	0.7	0.6	0.5	0.6	0.8	0.6	0.6	0.1	0.3	0.6	0.7	0.1	0.3	0.3	0.4	0.3	0.4	0.5
22N	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.4	0.3	0.5	0.7	0.6	0.2	0.2	0.2	0.1	0.2	0.3
18N	0.5	0.6	0.8	0.8	0.7	0.8	0.7	0.5	0.4	0.5	0.6	0.5	0.2	0.2	0.3	0.3	0.4	0.5
14N	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.1	0.1	0.2	0.2	0.3	0.4	0.5	0.4
10N	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.6	0.3	0.5	0.5	0.2	0.2	0.2	0.3	0.5	0.4	0.4
6N	0.4	0.6	0.7	0.5	0.4	0.4	0.5	0.4	0.5	0.5	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.4
2N	0.5	0.5	0.8	0.6	0.5	0.5	0.7	0.5	0.5	0.3	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.5
2S	0.3	0.7	0.7	0.5	0.5	0.5	0.7	0.5	0.4	0.2	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5
6S	0.5	0.6	0.5	0.6	0.5	0.6	0.4	0.3	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.4	0.6
10S	0.7	0.7	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2	0.2	0.3	0.4	0.3	0.4	0.4	0.5	0.4
14S	0.7	0.7	0.6	0.5	0.6	0.5	0.4	0.2	0.4	0.2	0.4	0.3	0.3	0.2	0.3	0.4	0.5	0.4
18S	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.2	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
22S	0.5	0.5	0.4	0.5	0.4	0.5	0.4	0.4	0.2	0.4	0.3	0.2	0.3	0.3	0.3	0.3	0.3	0.3
26S	0.5	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.3
30S	0.4	0.4	0.4	0.3	0.4	0.4	0.6	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4
34S	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.4
38S	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.6	0.6	0.6	0.6
42S	0.7	0.6	0.6	0.6	0.7	0.6	0.5	0.6	0.5	0.6	0.6	0.7	0.7	0.7	0.6	0.7	0.7	0.6
46S	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.6	0.7	0.6	0.7
50S	0.8	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7
54S	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.6	0.7
58S	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.7	0.6	0.7
62S	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9
66S																		
70S																		
74S																		
78S																		
82S																		
86S																		
90S																		

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	0.7	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.9	0.9	0.8	0.8	0.7	0.6	0.8	0.7
86N	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.9	0.7	0.8	0.5	0.6	0.5	0.7	0.6	0.8	0.7
82N	0.6	0.7	0.7	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.5	0.6	0.6
78N	0.7	0.7	0.7	0.5	0.6	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.5	0.6	0.6
74N	0.7	0.7	0.7	0.5	0.6	0.5	0.4	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6
70N	0.7	0.7	0.7	0.5	0.6	0.5	0.4	0.3	0.4	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.6	0.6
66N	0.7	0.7	0.7	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.6
62N	0.7	0.7	0.7	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.6
58N	0.6	0.7	0.7	0.5	0.6	0.5	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.7	0.7	0.6	0.8	0.7
54N	0.7	0.7	0.7	0.5	0.6	0.5	0.4	0.3	0.4	0.5	0.6	0.6	0.6	0.7	0.7	0.5	0.6	0.6
50N	0.7	0.5	0.6	0.4	0.5	0.4	0.4	0.4	0.4	0.5	0.6	0.5	0.6	0.6	0.5	0.5	0.6	0.6
46N	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5
42N	0.4	0.5	0.4	0.5	0.5	0.4	0.4	0.5	0.4	0.5	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.5
38N	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.3	0.4	0.4	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7
34N	0.8	0.7	0.7	0.6	0.6	0.5	0.4	0.3	0.4	0.5	0.6	0.6	0.7	0.7	0.7	0.6	0.6	0.6
30N	0.5	0.7	0.5	0.8	0.7	0.6	0.5	0.4	0.5	0.6	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.4
26N	0.3	0.5	0.5	0.7	0.6	0.5	0.5	0.4	0.5	0.4	0.4	0.3	0.3	0.3	0.2	0.3	0.3	0.3
22N	0.4	0.4	0.6	0.6	0.4	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3	0.3
18N	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.3
14N	0.4	0.3	0.5	0.4	0.5	0.4	0.3	0.5	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.3	0.3
10N	0.5	0.4	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4
6N	0.5	0.5	0.4	0.4	0.5	0.4	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.4	0.4
2N	0.5	0.6	0.6	0.5	0.6	0.4	0.4	0.3	0.3	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4
25	0.6	0.6	0.5	0.6	0.4	0.4	0.6	0.2	0.4	0.4	0.5	0.4	0.4	0.4	0.2	0.3	0.2	0.2
65	0.5	0.5	0.5	0.4	0.2	0.2	0.2	0.2	0.2	0.4	0.5	0.8	0.7	0.6	0.5	0.4	0.3	0.4
105	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.2	0.1	0.2	0.3	0.3	0.7	0.5	0.5	0.5	0.5	0.4
145	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.3	0.3	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.4
185	0.3	0.3	0.3	0.2	0.2	0.2	0.1	0.3	0.3	0.4	0.3	0.3	0.2	0.3	0.4	0.4	0.5	0.4
225	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.3	0.2	0.4	0.4	0.5
265	0.4	0.3	0.4	0.4	0.3	0.2	0.3	0.3	0.4	0.4	0.5	0.4	0.3	0.3	0.2	0.2	0.4	0.4
305	0.5	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3
345	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
385	0.6	0.6	0.6	0.6	0.5	0.5	0.4	0.3	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4
425	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.6
465	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.4
505	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.7	0.6	0.6	0.6	0.5	0.5
545	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.7	0.6	0.7	0.6	0.7	0.7	0.6	0.6
585	0.6	0.8	0.7	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.6	0.7	0.7	0.7	0.8	0.7	0.7
625	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.7	0.7
665	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.6	0.6
705	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.6	0.6
745	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.6	0.6
785	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.6	0.6
825	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.6	0.6
865	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.6	0.6
905	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.9	0.9	0.9	0.8	0.8	0.9	0.9	0.9	0.6	0.6

Table 5.6A

ANNUAL PRECIPITATION (mm/day)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N																		
86N																		
82N																		
78N	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
74N	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.44
70N	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
66N	1.10	1.21	1.10	0.77	0.78	1.11	1.11	1.11	1.10	1.16	1.11	0.96	0.77	0.63	0.53	0.44	0.41	0.32
62N	1.65	1.64	1.52	1.36	1.36	1.55	3.29	5.42	5.45	1.34	1.23	1.22	1.00	0.76	0.65	0.63	0.64	0.60
58N	2.25	2.19	2.12	2.12	2.12	2.70	4.66	7.12	7.40	3.01	2.93	1.61	1.22	0.95	0.84	0.83	0.87	1.01
54N	2.90	2.91	2.92	2.93	2.96	4.11	4.52	5.13	5.63	5.21	5.48	2.47	1.37	1.19	1.08	1.07	1.16	1.22
50N	3.56	3.60	3.64	3.70	3.86	4.11	3.95	3.75	3.48	4.11	5.48	4.11	1.37	1.37	1.23	1.23	1.32	1.33
46N	4.27	4.32	4.37	4.54	4.61	4.66	4.54	4.21	3.87	3.69	4.10	3.45	1.10	1.37	1.12	1.23	1.36	1.61
42N	4.74	4.73	4.74	4.78	4.70	4.52	4.34	4.02	3.66	3.15	3.15	3.04	1.03	0.96	0.85	1.32	1.37	2.16
38N	4.67	4.58	4.50	4.35	4.19	3.97	3.69	3.38	3.17	2.59	2.40	2.41	1.03	0.68	0.68	1.15	1.51	2.49
34N	4.08	3.93	3.76	3.51	3.38	3.23	2.89	2.60	2.58	2.03	1.76	1.55	0.96	0.68	0.82	0.86	1.71	2.74
30N	3.29	3.21	3.04	2.82	2.74	2.47	2.19	2.05	1.92	1.40	1.23	0.90	0.68	0.66	1.37	1.03	1.71	2.74
26N	2.72	2.65	2.57	2.45	2.32	2.14	1.95	1.73	1.57	1.20	1.08	0.84	0.77	0.68	0.82	1.30	1.44	2.19
22N	2.57	2.51	2.42	2.38	2.29	2.14	1.99	1.68	1.41	1.32	1.30	1.20	1.18	1.08	1.10	2.19	2.47	2.74
18N	2.91	2.87	2.81	2.81	2.72	2.47	2.33	2.12	1.92	1.82	1.65	1.83	1.82	1.81	1.92	3.29	2.47	2.74
14N	3.84	3.84	3.84	3.84	3.73	3.40	3.29	3.29	3.29	2.95	2.56	3.01	3.01	3.39	3.59	4.68	4.68	5.61
10N	5.48	5.48	5.48	5.48	5.48	5.48	5.48	5.48	5.48	5.14	5.14	5.48	5.48	6.85	6.99	6.99	6.99	8.00
6N	7.67	7.67	7.67	6.58	6.03	6.30	6.58	6.58	6.58	7.60	7.60	7.67	7.67	6.85	6.88	6.88	6.99	8.00
2N	5.75	4.85	4.65	3.82	3.29	3.42	3.56	3.56	3.56	4.07	4.03	3.91	3.29	3.15	3.11	3.07	2.77	2.00
2S	4.66	3.48	2.46	2.16	1.73	1.70	1.64	1.64	1.64	1.55	1.42	1.17	1.04	0.79	0.62	0.44	0.35	0.25
6S	5.75	5.21	3.56	3.05	3.05	2.89	2.65	2.51	2.43	2.29	2.05	1.67	1.51	1.19	0.88	0.48	0.48	0.31
10S	6.85	6.85	6.85	6.51	6.16	5.67	5.01	4.33	3.95	3.77	3.42	2.85	2.60	2.12	1.92	1.32	1.03	0.60
14S	6.85	6.85	6.85	6.51	6.16	5.52	5.34	4.92	4.65	4.59	4.52	3.68	3.48	3.16	2.85	2.39	1.61	1.21
18S	6.03	6.03	6.03	5.89	5.67	5.34	5.29	5.07	5.03	4.89	4.79	4.33	4.26	3.84	3.37	2.91	2.46	2.00
22S	5.16	5.18	5.21	5.28	5.20	5.14	5.08	4.98	5.02	4.87	4.74	4.60	4.36	4.13	3.67	3.22	2.71	2.27
26S	4.53	4.59	4.68	4.86	4.90	4.89	4.84	4.79	4.74	4.68	4.61	4.51	4.35	4.16	3.84	3.42	2.87	2.47
30S	3.89	4.00	4.22	4.40	4.56	4.58	4.56	4.55	4.53	4.48	4.44	4.36	4.30	4.14	3.84	3.42	3.00	2.74
34S	3.19	3.36	3.82	4.04	4.24	4.27	4.30	4.32	4.33	4.30	4.30	4.22	4.19	4.03	3.77	3.48	3.18	3.02
38S	2.85	3.04	3.43	3.54	3.93	3.97	4.03	4.04	4.06	4.05	4.04	3.99	3.93	3.83	3.67	3.48	3.30	3.22
42S	2.74	2.85	3.12	3.26	3.63	3.68	3.73	3.74	3.76	3.79	3.79	3.76	3.66	3.61	3.54	3.49	3.32	3.27
46S	2.75	2.76	2.95	3.20	3.36	3.40	3.42	3.45	3.47	3.55	3.57	3.54	3.44	3.40	3.37	3.42	3.24	3.20
50S	2.77	2.82	2.90	3.01	3.12	3.14	3.15	3.18	3.21	3.25	3.26	3.23	3.21	3.18	3.15	3.12	3.10	3.07
54S	2.77	2.78	2.83	2.88	2.93	2.94	2.95	2.97	2.99	3.01	3.02	3.00	2.94	2.94	2.93	2.92	2.92	2.92
58S	2.51	2.59	2.62	2.64	2.66	2.68	2.68	2.68	2.68	2.70	2.70	2.69	2.66	2.66	2.67	2.67	2.68	2.68
62S	2.19	2.30	2.33	2.37	2.38	2.39	2.40	2.39	2.39	2.39	2.39	2.38	2.38	2.38	2.40	2.40	2.42	2.43
66S	1.90	1.98	2.01	2.09	2.11	2.11	2.12	2.12	2.12	2.13	2.13	2.09	2.08	2.08	2.09	2.11	2.13	2.16
70S	1.59	1.66	1.70	1.81	1.84	1.84	1.84	1.82	1.81	1.81	1.81	1.75	1.70	1.67	1.70	1.74	1.78	1.79
74S	1.45	1.50	1.53	1.59	1.62	1.63	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64
78S																		
82S																		
86S																		
90S																		



Table 5.6A--Continued

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82N	*****	*****	*****	*****	*****	*****	0.27	0.27	0.27	0.27	0.27	0.27	0.32	0.32	0.34	0.38	0.47	0.51
78N	0.31	0.35	0.36	0.40	0.32	0.31	0.32	0.31	0.31	0.36	0.41	0.43	0.42	0.48	0.53	0.61	0.74	0.85
74N	0.39	0.47	0.52	0.53	0.44	0.42	0.44	0.44	0.39	0.51	0.67	0.80	0.72	0.71	0.77	0.89	1.08	1.24
70N	0.49	0.55	0.64	0.71	0.68	0.62	0.68	0.71	0.55	0.63	0.90	1.37	1.18	1.26	1.37	1.59	1.70	1.84
66N	0.62	0.64	0.65	0.69	0.86	0.93	1.23	1.51	0.65	0.92	1.82	2.44	2.43	2.25	2.47	2.71	2.94	3.13
62N	0.82	0.85	0.90	0.93	1.04	1.21	1.78	2.32	1.92	1.97	2.78	3.14	3.23	3.12	3.15	3.17	3.21	2.93
58N	1.06	1.05	1.18	1.30	1.36	1.51	2.05	2.79	2.95	3.10	3.60	3.71	3.80	3.78	3.62	3.44	3.25	2.85
54N	1.30	1.23	1.44	1.71	1.83	1.88	2.15	2.85	3.32	3.72	4.12	4.14	4.16	4.14	3.95	3.43	2.95	2.76
50N	1.53	1.53	1.71	2.08	2.30	2.38	2.52	2.71	3.42	4.00	4.14	4.16	4.18	4.15	4.11	3.45	2.96	2.74
46N	2.01	2.06	2.26	2.61	2.76	2.84	2.97	3.44	3.42	3.89	3.94	3.92	3.79	3.75	3.56	3.34	2.96	2.83
42N	2.41	2.44	2.60	3.11	3.21	3.25	3.33	3.35	3.36	3.24	3.20	3.18	3.11	3.08	2.99	2.94	2.83	1.96
38N	2.93	3.10	3.29	3.68	3.70	3.47	3.19	3.12	2.76	2.50	2.39	2.37	2.38	2.42	2.40	2.25	2.05	1.36
34N	3.33	3.75	4.07	4.17	3.97	3.32	2.63	2.52	2.14	1.87	1.69	1.67	1.65	1.81	1.79	1.45	0.94	1.11
30N	2.96	3.42	3.89	4.14	3.42	2.65	2.19	1.92	1.59	1.26	1.00	1.03	1.04	1.14	1.15	0.92	0.48	0.16
26N	2.18	2.39	3.41	3.68	2.82	2.28	1.97	1.50	1.14	0.78	0.69	0.64	0.62	0.67	0.56	0.35	0.19	0.12
22N	2.44	2.17	2.88	3.11	2.79	2.55	2.37	1.37	0.86	0.63	0.56	0.48	0.41	0.37	0.30	0.26	0.17	0.14
18N	3.84	4.05	2.41	2.21	2.22	2.22	2.70	1.64	1.14	0.92	0.72	0.55	0.47	0.42	0.59	0.73	0.76	0.56
14N	6.02	7.12	2.93	1.75	1.76	1.64	3.29	2.47	2.19	1.92	1.62	1.25	1.02	1.32	1.85	2.74	2.26	1.74
10N	8.19	8.19	6.16	3.56	1.37	2.74	5.48	4.11	3.29	4.11	3.97	3.42	2.47	3.84	4.66	8.22	4.93	4.11
6N	7.12	7.34	8.90	5.10	4.66	7.12	6.03	6.30	6.85	6.30	6.38	6.16	5.95	6.03	5.86	6.63	7.20	5.16
2N	2.90	3.34	7.12	6.30	7.12	8.20	6.58	6.85	7.95	6.44	6.08	4.79	5.19	4.44	4.09	5.81	4.54	3.41
2S	0.24	0.55	4.38	6.83	7.95	7.71	6.85	6.30	7.12	5.23	3.29	3.51	2.27	1.90	1.59	1.52	1.51	1.51
6S	0.24	0.15	2.22	7.08	7.22	6.74	6.76	5.62	5.04	3.62	1.37	3.12	2.49	1.10	0.66	0.63	0.66	0.60
10S	0.48	0.14	0.12	8.22	5.95	5.75	6.41	6.16	3.29	2.74	1.37	3.29	2.05	0.90	0.55	0.41	0.27	0.26
14S	1.19	0.19	0.13	1.86	3.36	4.33	5.12	5.40	3.95	2.74	4.66	3.95	2.16	1.23	0.93	0.81	0.71	0.51
18S	1.58	0.66	0.22	0.18	1.17	1.41	3.97	4.63	4.11	3.23	4.24	3.70	2.52	1.79	1.55	1.32	1.15	0.99
22S	1.85	0.94	0.30	0.13	0.13	1.46	3.15	4.19	3.89	3.54	3.60	3.56	3.01	2.54	2.28	2.02	1.78	1.58
26S	2.12	1.08	0.42	0.16	0.24	1.55	2.74	3.97	3.53	3.74	3.84	3.86	3.58	3.36	3.07	2.85	2.60	2.26
30S	2.40	1.71	0.75	0.27	0.68	1.37	2.74	3.42	3.42	3.64	4.11	4.22	4.21	4.11	3.86	3.59	3.42	3.08
34S	2.85	2.64	2.40	2.25	0.68	1.64	2.41	2.75	2.86	3.45	4.09	4.24	4.35	4.38	4.25	4.07	3.66	3.03
38S	3.11	3.01	2.90	4.38	0.68	1.11	1.73	2.53	3.21	3.21	3.89	4.21	4.38	4.46	4.45	4.36	4.27	4.24
42S	3.18	3.07	2.95	5.48	0.68	0.65	1.23	1.90	2.42	2.99	3.70	4.16	4.35	4.46	4.50	4.47	4.46	4.52
46S	3.12	3.02	3.03	7.12	0.67	0.58	1.14	2.05	2.47	2.85	3.55	4.06	4.25	4.40	4.42	4.42	4.43	4.43
50S	2.99	2.93	3.42	13.70	0.66	0.68	1.59	2.19	2.47	2.85	3.40	3.77	4.11	4.18	4.23	4.25	4.25	4.29
54S	2.92	2.93	3.05	7.12	4.52	2.11	2.13	2.24	2.40	2.67	2.96	3.22	3.43	3.58	3.61	3.68	3.77	3.77
58S	2.72	2.79	2.82	3.83	3.82	2.48	2.32	2.25	2.30	2.42	2.55	2.68	2.80	2.88	2.93	3.02	3.10	3.10
62S	2.46	2.52	2.55	2.54	2.53	2.37	2.27	2.18	2.18	2.21	2.21	2.22	2.26	2.29	2.32	2.41	2.42	2.42
66S	2.15	2.17	2.18	2.17	2.15	2.08	2.05	1.99	1.99	1.93	1.92	1.85	1.82	1.82	1.81	1.83	1.85	1.76
70S	1.78	1.79	1.81	1.79	1.77	1.71	1.68	1.67	1.67	1.55	1.59	1.49	1.42	1.34	1.26	1.21	1.14	1.03
74S	1.54	1.52	1.46	1.41	1.39	1.39	1.41	1.42	1.43	1.37	1.30	1.21	1.11	0.98	0.87	0.70	0.60	0.42
78S	1.22	1.21	1.17	1.14	1.14	1.13	1.15	1.14	1.15	1.04	0.97	0.87	0.76	0.64	0.54	0.39	0.33	0.23
82S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
86S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
90S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****



Table 5.6A--Continued

	OE	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N	0.51	0.58	0.60	0.61	0.62	0.63	0.63	0.62	0.60	0.58	0.57	0.56	0.56	0.56	0.55	0.55	0.55	0.55
86N	0.59	0.73	0.76	0.80	0.81	0.82	0.81	0.77	0.73	0.68	0.63	0.62	0.62	0.62	0.61	0.60	0.59	0.58
78N	0.83	0.98	1.01	1.04	1.04	1.04	1.02	0.97	0.93	0.83	0.79	0.72	0.69	0.65	0.64	0.64	0.63	0.62
74N	1.31	1.38	1.40	1.34	1.53	1.24	1.24	1.19	1.17	1.08	0.98	0.82	0.67	0.67	0.68	0.71	0.75	0.75
70N	2.05	2.07	2.03	1.78	2.74	1.34	1.37	1.36	1.34	1.12	0.93	0.79	0.68	0.68	0.79	0.90	1.12	1.10
66N	2.78	2.63	2.05	1.73	1.65	1.39	1.38	1.20	1.31	1.32	1.30	1.20	1.23	1.21	1.24	1.28	1.36	1.29
62N	2.83	4.39	2.46	1.53	1.38	1.38	1.54	1.66	1.51	1.45	1.42	1.30	1.37	1.38	1.32	1.39	1.35	1.37
58N	2.55	4.12	2.48	1.53	1.64	1.67	1.83	1.79	1.53	1.45	1.41	1.32	1.37	1.22	1.19	1.22	1.14	1.28
54N	2.24	2.12	2.14	1.81	2.19	2.04	1.96	1.48	1.32	1.24	1.23	1.21	1.23	0.88	0.96	0.93	0.79	1.32
50N	2.08	2.26	2.19	2.19	2.74	1.71	1.37	1.37	1.10	0.70	0.67	0.68	0.66	0.58	0.68	0.82	0.88	2.05
46N	2.06	2.63	2.63	2.65	2.52	1.46	1.15	1.15	2.41	0.69	0.46	0.38	0.37	0.32	0.58	0.55	1.78	0.90
42N	1.64	1.91	1.92	2.75	2.65	1.55	1.26	1.10	1.93	1.10	0.49	0.30	0.28	0.52	1.04	0.36	0.91	0.55
38N	1.37	1.10	1.10	2.11	2.10	1.53	1.26	1.48	1.06	1.37	0.60	0.40	0.35	0.97	1.38	0.38	0.56	0.27
34N	1.12	0.57	0.58	0.96	0.92	1.12	0.90	1.07	0.45	1.14	0.68	0.58	0.52	1.21	1.24	0.71	1.64	0.66
30N	0.14	0.12	0.14	0.14	0.21	0.14	0.14	0.14	0.07	0.22	0.68	0.70	0.68	0.48	0.62	1.37	5.48	1.37
26N	0.08	0.08	0.08	0.06	0.07	0.06	0.06	0.12	0.25	0.18	0.30	0.36	0.58	0.59	0.67	2.44	3.30	4.11
22N	0.14	0.16	0.10	0.08	0.08	0.06	0.06	0.21	0.24	0.15	0.11	0.19	0.63	1.05	1.71	2.32	2.95	3.97
18N	0.53	0.54	0.44	0.31	0.34	0.32	0.32	0.58	0.40	0.19	0.13	0.22	0.96	1.93	2.81	2.32	2.90	3.69
14N	1.53	1.60	1.41	1.04	1.09	1.10	0.96	1.40	0.96	0.36	0.32	0.55	1.72	3.07	3.56	3.54	2.76	4.09
10N	3.51	3.89	3.42	2.73	2.73	2.74	2.05	2.88	2.05	0.68	0.48	1.37	3.10	4.14	4.11	6.85	2.74	4.11
6N	2.89	7.35	5.62	3.83	3.72	3.84	3.04	1.67	1.51	0.52	0.97	3.01	4.45	5.21	5.10	5.10	3.88	4.13
2N	2.29	4.73	5.79	4.03	4.88	4.27	3.78	2.19	1.04	1.75	2.90	4.66	5.48	6.04	5.98	5.64	5.55	5.44
25	1.47	1.72	3.87	3.75	5.21	4.27	3.56	2.47	1.86	3.53	4.69	5.76	6.19	6.61	6.59	6.61	6.57	6.77
6S	0.59	0.61	1.13	3.36	4.65	3.84	2.78	2.25	3.29	5.05	5.56	6.10	6.43	6.68	6.81	6.97	7.14	7.29
10S	0.22	0.21	0.23	3.08	4.10	2.74	3.01	3.01	2.74	5.51	5.56	5.81	5.95	5.97	6.41	6.52	6.84	6.52
14S	0.37	0.22	0.17	2.81	2.99	2.73	2.52	2.85	2.74	4.39	6.59	5.00	5.02	5.03	5.17	5.68	5.77	5.74
18S	0.59	0.42	0.18	1.71	1.90	1.90	1.85	2.85	2.00	3.29	6.03	4.18	3.93	3.81	3.79	3.99	3.90	3.85
22S	1.06	0.74	0.34	0.67	1.03	1.38	1.87	2.85	1.43	2.47	4.60	3.33	3.03	2.85	2.74	2.64	2.51	2.33
26S	1.77	1.22	0.67	0.16	0.53	1.42	2.52	2.85	1.48	1.99	3.04	2.59	2.52	2.53	2.18	2.05	2.05	1.79
30S	2.51	1.99	1.14	0.23	0.44	1.34	2.74	3.01	2.05	1.11	2.05	2.22	2.40	2.08	2.03	2.00	2.03	2.04
34S	3.26	2.92	2.57	2.24	1.73	2.46	3.18	3.18	2.78	2.51	2.33	2.59	2.45	2.38	2.35	2.33	2.32	2.38
38S	3.95	3.73	3.54	3.40	3.15	3.56	3.80	3.77	3.57	3.35	3.01	2.95	2.84	2.79	2.79	2.81	2.93	3.04
42S	4.36	4.25	4.15	4.08	4.07	4.20	4.20	4.20	4.08	3.93	3.72	3.62	3.33	3.24	3.27	3.40	3.62	3.71
46S	4.43	4.44	4.44	4.43	4.36	4.32	4.30	4.28	4.23	4.16	4.15	4.12	3.78	3.62	3.64	3.89	4.12	4.14
50S	4.30	4.32	4.34	4.33	4.30	4.30	4.29	4.26	4.23	4.19	4.16	4.14	4.03	3.77	3.73	3.95	4.14	4.15
54S	3.73	3.85	3.88	4.02	3.97	4.04	4.06	4.12	4.13	4.04	3.97	3.84	3.75	3.58	3.53	3.66	3.74	3.84
58S	3.08	3.21	3.23	3.31	3.30	3.34	3.36	3.39	3.41	3.37	3.33	3.73	3.18	3.11	3.07	3.10	3.12	3.15
62S	2.42	2.49	2.49	2.48	2.48	2.48	2.49	2.56	2.57	2.50	2.44	2.95	2.46	2.46	2.46	2.43	2.41	2.38
66S	1.76	1.73	1.70	1.67	1.64	1.62	1.52	1.76	1.74	1.56	1.42	1.49	1.60	1.67	1.75	1.66	1.62	1.58
70S	1.01	0.89	0.85	0.85	0.85	0.79	0.82	0.79	0.68	0.44	0.27	0.27	0.48	0.68	0.93	0.67	0.63	0.52
74S	0.39	0.29	0.27	0.27	0.27	0.26	0.26	0.27	0.27	0.25	0.25	0.33	0.48	0.58	0.60	0.52	0.45	0.32
78S	0.20	0.15	0.13	0.13	0.12	0.11	0.10	0.13	0.15	0.17	0.21	0.26	0.33	0.37	0.36	0.32	0.25	0.18
82S	0.18	0.16	0.15	0.15	0.13	0.11	0.10	0.12	0.12	0.13	0.15	0.16	0.18	0.19	0.19	0.17	0.15	0.13
86S	0.20	0.19	0.19	0.18	0.16	0.15	0.14	0.13	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13
90S	0.20	0.19	0.19	0.18	0.16	0.15	0.14	0.13	0.11	0.12	0.12	0.12	0.13	0.13	0.13	0.13	0.13	0.13

Table 5.6A--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	0.52	0.52	0.52	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
86N	0.52	0.52	0.52	0.51	0.51	0.51	0.51	0.51	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
82N	0.58	0.58	0.59	0.59	0.59	0.58	0.57	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56	0.56
78N	0.65	0.69	0.68	0.65	0.67	0.65	0.63	0.62	0.61	0.61	0.61	0.61	0.61	0.59	0.58	0.58	0.58	0.58
74N	0.84	0.91	0.83	0.75	0.73	0.68	0.65	0.65	0.65	0.65	0.64	0.64	0.64	0.62	0.62	0.63	0.63	0.63
70N	1.37	1.37	1.14	1.00	0.79	0.71	0.67	0.68	0.68	0.67	0.70	0.70	0.67	0.66	0.66	0.67	0.67	0.68
66N	1.37	1.30	1.16	1.00	0.84	0.69	0.67	0.70	0.70	0.68	0.70	0.70	0.68	0.77	0.68	1.12	0.88	1.05
62N	1.37	1.30	1.13	0.96	1.02	0.89	0.68	0.77	0.69	0.68	1.06	1.11	1.08	1.10	1.05	1.31	1.26	1.54
58N	1.36	1.34	1.17	1.06	0.97	1.11	0.92	1.04	0.98	1.01	1.32	1.41	1.49	1.59	1.77	1.72	1.85	2.22
54N	1.22	1.23	1.15	1.15	0.71	1.12	1.27	1.37	1.41	1.60	1.45	1.58	1.82	2.16	2.56	2.45	2.60	2.98
50N	0.68	0.68	0.68	0.71	0.71	0.68	1.29	1.38	1.37	1.99	1.84	1.97	2.27	2.71	2.96	3.18	3.42	3.52
46N	0.52	0.66	0.52	0.50	0.36	0.82	1.08	1.37	1.79	2.26	2.65	2.59	2.82	3.11	3.46	3.74	3.97	4.15
42N	0.27	0.55	0.32	0.43	0.73	1.16	1.36	2.06	2.39	2.99	4.43	3.54	3.50	3.62	3.90	4.28	4.53	4.62
38N	0.39	0.46	0.53	0.78	1.16	1.37	1.78	2.61	3.28	4.25	5.44	4.41	3.98	3.92	4.11	4.46	4.94	4.66
34N	0.96	1.12	1.21	1.62	1.76	1.78	2.24	3.01	4.45	5.54	5.34	4.65	4.15	3.91	3.97	4.15	4.79	4.19
30N	1.64	2.19	1.92	2.71	3.34	3.42	2.99	4.11	5.82	5.78	5.23	4.63	4.11	3.67	3.42	3.42	3.42	3.29
26N	6.90	5.37	3.12	3.83	4.44	3.70	2.79	5.81	5.88	5.32	4.88	4.39	3.89	3.04	2.85	2.82	2.79	2.76
22N	6.99	4.11	4.25	4.93	4.61	3.73	4.59	6.41	6.05	5.35	5.00	4.59	4.00	3.19	2.72	2.68	2.63	2.63
18N	5.73	4.49	5.05	5.47	4.78	4.41	5.99	7.04	6.44	5.76	5.55	5.27	4.71	3.99	3.47	3.25	3.16	3.04
14N	5.15	7.14	5.44	5.46	5.16	5.85	6.52	7.89	6.85	6.51	6.47	6.27	5.91	5.27	4.93	4.38	4.14	3.97
10N	5.48	7.19	5.48	5.48	5.26	7.36	7.67	8.22	6.85	7.07	7.67	7.26	7.10	6.85	6.30	5.45	5.26	5.26
6N	5.83	8.01	6.79	6.47	7.08	8.05	8.11	8.27	7.07	7.01	7.56	8.03	8.10	8.49	8.93	8.76	8.94	8.07
2N	6.35	8.01	7.78	7.06	8.03	8.26	7.73	7.75	6.96	6.85	7.53	7.85	7.95	8.00	7.86	7.45	7.23	6.18
25	7.02	7.79	8.08	7.11	8.36	8.40	7.84	7.78	7.40	7.40	7.92	8.00	8.00	7.75	7.32	6.47	5.81	5.90
65	7.36	7.39	7.54	6.71	7.85	7.95	7.89	7.75	7.53	7.49	7.75	7.92	8.16	8.27	8.27	7.37	6.69	8.05
105	6.41	6.25	6.18	6.16	5.82	5.48	5.48	5.32	4.79	4.58	4.79	5.21	6.85	8.22	8.49	8.36	8.22	1.95
145	5.12	4.54	3.43	2.93	2.81	3.01	3.56	3.25	2.38	2.93	3.52	3.78	4.88	5.97	6.63	7.33	7.50	7.34
185	3.15	2.45	1.71	1.26	1.19	1.47	1.95	1.71	1.58	1.64	2.10	2.81	3.70	4.48	5.14	5.91	6.21	6.16
225	1.75	1.35	1.10	0.82	0.62	0.78	1.04	0.89	0.86	0.90	1.09	1.99	2.91	3.55	4.13	4.77	5.07	5.13
265	1.44	1.51	1.38	1.23	0.90	0.82	0.79	0.66	0.60	0.66	0.67	1.27	2.30	3.06	3.60	4.13	4.36	4.50
305	2.03	2.05	2.05	2.05	2.05	1.37	0.68	0.55	0.55	0.66	0.67	0.85	1.92	2.99	3.42	3.75	4.00	3.97
345	2.41	2.47	2.52	2.60	2.75	2.52	2.33	2.30	2.30	1.23	0.96	1.16	2.58	3.04	3.42	3.67	3.67	3.48
385	3.06	3.18	3.31	3.46	3.62	3.59	3.58	3.60	3.56	2.68	2.26	1.73	2.74	3.04	3.38	3.45	3.27	2.99
425	3.74	3.85	3.98	4.08	4.18	4.19	4.20	4.22	4.15	3.79	3.34	2.47	2.78	3.02	3.25	3.16	2.95	2.65
465	4.21	4.24	4.28	4.28	4.29	4.28	4.28	4.27	4.21	4.13	3.72	3.12	2.90	3.04	3.07	2.94	2.79	2.50
505	4.19	4.22	4.25	4.26	4.23	4.22	4.21	4.18	4.15	4.11	3.70	3.29	3.08	3.04	3.01	3.08	3.01	2.96
545	3.84	3.86	3.92	3.86	3.81	3.69	3.47	3.30	3.19	3.19	2.93	2.84	2.74	2.69	2.68	2.76	2.79	2.83
585	3.15	3.15	3.18	3.14	3.02	2.94	2.83	2.71	2.60	2.52	2.41	2.40	2.36	2.34	2.34	2.37	2.45	2.49
625	2.38	2.38	2.38	2.38	2.29	2.24	2.15	2.09	2.05	2.01	1.99	1.98	1.97	1.98	1.98	2.04	2.08	2.11
665	1.57	1.57	1.56	1.58	1.60	1.56	1.48	1.49	1.48	1.47	1.46	1.45	1.47	1.49	1.51	1.62	1.65	1.75
705	0.44	0.47	0.48	0.51	0.55	0.56	0.58	0.55	0.53	0.53	0.55	0.56	0.59	0.67	0.68	0.71	1.03	1.37
745	0.27	0.28	0.29	0.30	0.32	0.32	0.31	0.32	0.32	0.32	0.34	0.46	0.51	0.59	0.64	0.71	0.93	1.45
785	0.18	0.18	0.20	0.21	0.22	0.24	0.25	0.25	0.27	0.29	0.39	0.46	0.44	0.49	0.54	0.60	0.68	0.79
825	0.14	0.16	0.16	0.18	0.19	0.22	0.24	0.25	0.26	0.28	0.30	0.34	0.36	0.36	0.36	0.36	0.36	0.36
865	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.18
905	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05

Table 5.6B

SEPTEMBER-OCTOBER-NOVEMBER PRECIPITATION (mm/day)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
86N	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23
82N	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25
78N	0.26	0.26	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
74N	0.29	0.31	0.32	0.33	0.33	0.33	0.32	0.31	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33	0.33
70N	0.38	0.49	0.49	0.55	0.55	0.55	0.49	0.44	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
66N	0.52	0.76	0.98	0.99	1.25	0.99	0.98	0.75	0.93	0.93	0.93	0.86	0.64	0.64	0.73	0.81	0.86	0.86
62N	1.08	1.25	1.43	1.56	1.89	3.08	7.03	6.92	7.03	7.03	0.97	0.80	0.79	0.76	0.84	0.95	1.00	1.00
58N	2.26	2.51	2.75	3.10	3.16	4.40	8.31	8.22	8.22	3.08	5.05	1.03	0.97	0.91	0.92	0.99	1.04	1.04
54N	3.71	4.04	4.35	4.77	4.48	4.29	4.15	3.93	3.91	4.18	9.56	1.76	1.21	1.05	1.00	0.99	1.04	1.27
50N	4.51	4.40	4.18	4.07	3.96	3.85	3.63	3.41	3.30	3.30	3.85	4.40	1.65	1.10	1.04	0.99	1.04	1.54
46N	3.80	3.69	3.65	3.54	3.43	3.41	3.27	3.05	2.86	2.59	2.62	4.40	1.65	1.01	0.91	0.90	1.00	1.63
42N	3.10	2.99	2.92	2.88	2.77	2.65	2.65	2.35	2.35	2.02	1.91	2.75	0.99	0.73	0.78	0.88	1.02	1.98
38N	2.48	2.40	2.31	2.26	2.26	2.15	2.04	1.85	1.69	1.32	1.32	1.30	0.57	0.54	0.65	0.97	1.29	2.33
34N	2.00	1.93	1.87	1.76	1.74	1.60	1.48	1.16	0.97	0.73	0.71	0.67	0.53	0.48	0.66	1.10	1.65	2.51
30N	1.65	1.54	1.43	1.32	1.21	0.99	0.82	0.55	0.44	0.33	0.26	0.25	0.25	0.27	1.10	1.10	1.65	2.42
26N	1.38	1.19	1.16	0.97	0.87	0.77	0.60	0.51	0.44	0.33	0.27	0.26	0.26	0.27	0.66	1.89	1.65	2.42
22N	1.52	1.43	1.30	1.08	0.98	0.91	0.78	0.73	0.68	0.63	0.60	0.60	0.60	0.60	1.80	2.61	1.98	7.56
18N	2.09	1.96	1.74	1.60	1.54	1.51	1.44	1.41	1.38	1.37	1.37	1.37	1.37	1.46	2.59	3.30	3.16	6.55
14N	3.25	2.81	2.64	2.59	2.59	2.62	2.64	2.64	2.64	2.64	2.64	2.64	2.64	2.82	2.92	3.60	4.15	6.70
10N	5.27	4.40	4.40	4.18	4.18	4.29	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.45	4.51	4.84	5.27	5.95
6N	5.19	4.40	3.96	3.03	2.59	2.62	2.64	3.52	4.22	3.52	3.08	3.52	3.52	3.53	3.54	3.16	3.65	4.26
2N	3.38	2.75	2.20	1.59	1.20	1.18	1.14	1.56	1.90	1.48	1.26	1.48	1.48	1.48	1.48	1.26	1.48	1.76
25	2.64	1.78	1.27	0.98	0.76	0.65	0.59	0.49	0.45	0.34	0.33	0.30	0.27	0.27	0.26	0.23	0.22	0.23
65	3.56	2.46	1.89	1.41	1.32	1.14	1.10	0.84	0.70	0.57	0.50	0.43	0.35	0.32	0.27	0.20	0.18	0.15
105	4.62	4.40	3.30	2.20	2.20	2.20	2.20	1.76	1.32	1.10	0.88	0.82	0.66	0.55	0.41	0.27	0.26	0.23
145	4.62	4.37	4.26	3.96	3.60	2.99	2.73	2.55	2.37	2.15	1.76	1.48	1.10	0.99	0.78	0.63	0.45	0.37
185	4.22	4.35	4.31	4.23	3.89	3.38	3.25	3.41	3.69	3.41	3.74	2.14	1.67	1.46	1.18	0.95	0.78	0.59
225	3.87	4.02	4.04	3.97	3.80	3.65	3.69	3.98	4.37	4.20	3.74	2.80	2.29	1.90	1.59	1.27	1.05	0.85
265	3.74	3.78	3.82	3.73	3.74	3.85	3.93	4.13	4.29	4.34	4.29	3.32	2.79	2.25	1.98	1.63	1.42	1.12
305	3.74	3.74	3.74	3.68	3.74	3.85	3.85	3.96	4.07	4.12	3.85	3.41	2.97	2.47	2.20	1.98	1.61	1.43
345	3.91	3.82	3.74	3.68	3.69	3.76	3.76	3.82	3.89	3.90	3.71	3.41	3.23	3.00	2.81	2.46	2.30	2.04
385	4.05	3.85	3.70	3.65	3.62	3.64	3.63	3.68	3.68	3.68	3.58	3.47	3.40	3.30	3.20	3.01	2.85	2.69
425	3.97	3.76	3.62	3.56	3.51	3.46	3.46	3.43	3.46	3.46	3.45	3.44	3.44	3.41	3.37	3.38	3.33	3.31
465	3.67	3.56	3.47	3.38	3.33	3.23	3.24	3.24	3.24	3.24	3.29	3.30	3.34	3.35	3.36	3.47	3.60	3.75
505	3.41	3.30	3.30	3.08	3.02	2.97	3.02	3.02	3.02	3.02	3.02	3.08	3.08	3.13	3.19	3.30	3.52	3.79
545	3.05	3.03	2.95	2.81	2.71	2.70	2.71	2.67	2.67	2.71	2.67	2.73	2.73	2.82	2.92	3.08	3.46	3.79
585	2.70	2.70	2.59	2.55	2.44	2.44	2.41	2.35	2.35	2.37	2.35	2.37	2.37	2.42	2.46	2.53	2.55	2.44
625	2.26	2.26	2.15	2.11	1.91	1.91	1.79	1.76	1.76	1.76	1.76	1.76	1.74	1.76	1.76	1.76	1.76	1.86
665	1.65	1.64	1.54	1.45	1.18	1.16	0.99	0.99	0.99	0.99	0.99	0.99	0.95	0.99	0.99	0.99	0.99	0.99
705	0.77	0.71	0.66	0.66	0.60	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
745	0.36	0.35	0.34	0.34	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
785	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
825	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
865	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
905	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16









Table 5.6B--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
86N	0.41	0.38	0.38	0.36	0.36	0.32	0.32	0.32	0.29	0.29	0.28	0.28	0.27	0.27	0.27	0.27	0.27	0.27
82N	0.47	0.43	0.39	0.35	0.32	0.29	0.29	0.28	0.27	0.27	0.27	0.27	0.26	0.26	0.26	0.25	0.24	0.23
78N	0.52	0.48	0.41	0.33	0.32	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.26	0.25	0.25
74N	0.62	0.57	0.46	0.35	0.30	0.23	0.31	0.32	0.31	0.29	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28
70N	0.88	0.66	0.55	0.44	0.38	0.44	0.49	0.55	0.49	0.41	0.38	0.33	0.33	0.33	0.33	0.33	0.33	0.36
66N	1.01	0.92	0.77	0.75	0.69	0.62	0.58	0.55	0.49	0.52	0.52	0.55	0.55	0.55	0.55	0.51	0.46	0.47
62N	1.21	1.05	0.92	0.86	0.77	0.66	0.60	0.55	0.53	0.71	0.88	0.80	0.84	0.90	0.90	0.85	0.76	0.82
58N	1.23	0.99	0.86	0.77	0.70	0.62	0.58	0.66	0.77	1.04	1.23	1.22	1.32	1.27	1.32	1.37	1.40	1.39
54N	0.93	0.71	0.58	0.59	0.59	0.49	0.55	0.88	1.08	1.32	1.52	1.80	1.95	1.76	1.91	2.18	2.53	2.84
50N	0.27	0.27	0.27	0.55	0.55	0.27	0.55	1.10	0.99	1.10	1.87	2.42	2.47	2.64	2.91	3.41	4.29	4.51
46N	0.27	0.27	0.26	0.31	0.33	0.41	0.90	1.01	1.36	1.80	2.13	2.68	3.13	3.43	3.85	4.02	4.07	3.90
42N	0.27	0.27	0.27	0.27	0.44	0.67	1.05	1.38	2.04	2.57	2.86	3.34	3.63	3.59	3.74	3.68	3.45	3.50
38N	0.32	0.38	0.49	0.49	0.73	1.15	1.49	1.87	2.77	3.54	3.74	3.54	3.54	3.33	3.21	3.04	2.81	2.66
34N	0.50	0.66	1.54	1.43	1.32	1.76	2.29	2.53	3.45	4.24	4.12	3.54	2.95	2.80	2.62	2.45	2.30	2.11
30N	0.88	1.10	4.40	3.85	2.64	2.20	3.08	3.85	4.07	3.63	3.02	2.75	2.42	2.14	2.09	1.92	1.81	1.76
26N	5.45	4.62	4.31	4.20	3.96	3.52	3.78	4.51	4.55	3.80	3.24	2.60	2.24	2.10	2.00	1.84	1.68	1.54
22N	6.07	6.15	4.29	5.67	4.35	4.70	5.54	5.36	4.87	4.18	3.73	3.20	2.79	2.48	2.27	2.04	1.85	1.68
18N	5.98	6.59	5.21	6.46	5.27	5.58	8.35	5.96	5.20	4.66	4.27	3.95	3.67	3.32	3.02	2.73	2.51	2.36
14N	6.37	6.59	6.59	6.33	6.54	6.00	9.98	6.24	5.56	5.08	4.73	4.84	4.62	4.48	4.26	4.07	3.89	3.65
10N	6.37	6.59	6.59	6.59	6.32	5.82	5.93	6.59	5.82	5.16	4.95	5.16	5.49	5.71	5.03	6.26	6.48	5.45
6N	6.42	6.59	10.11	6.51	6.45	9.96	5.58	4.75	4.88	4.55	4.68	5.25	5.63	5.98	6.02	6.26	8.53	5.93
2N	6.46	6.59	10.99	6.22	9.85	8.35	3.52	4.68	4.59	4.40	5.14	5.54	5.56	5.38	5.05	5.01	4.95	4.40
25	7.19	7.03	9.14	6.26	8.57	4.84	2.20	3.76	3.71	3.96	5.93	6.95	5.93	5.16	4.51	4.26	3.95	3.30
65	7.60	7.08	5.91	5.93	3.08	2.09	1.93	1.80	1.96	2.84	5.48	7.25	6.15	5.27	4.66	4.48	4.24	3.00
105	5.05	4.62	4.07	3.30	2.20	1.65	0.88	1.10	0.95	0.99	1.04	1.10	4.40	4.40	4.62	4.84	4.95	4.04
145	2.33	2.15	1.69	1.32	0.88	0.95	0.39	0.66	0.90	0.99	0.96	1.05	1.67	2.64	3.30	4.04	4.51	4.57
185	0.82	0.77	0.59	0.48	0.36	0.45	0.26	0.38	0.68	0.79	0.74	0.98	1.12	1.54	2.24	2.86	3.57	4.04
225	0.27	0.26	0.25	0.25	0.25	0.25	0.25	0.27	0.44	0.57	0.56	0.87	1.21	1.43	2.29	2.55	2.69	3.52
265	0.38	0.38	0.38	0.38	0.40	0.38	0.26	0.27	0.28	0.43	0.46	0.76	1.27	2.03	2.97	3.01	2.24	3.10
305	0.88	0.88	0.88	0.88	0.99	0.88	0.33	0.33	0.30	0.41	0.33	0.82	1.54	2.47	2.53	2.75	2.42	2.75
345	1.67	1.76	1.80	1.71	1.74	1.49	1.21	0.95	0.85	0.96	1.38	1.13	1.63	2.08	2.48	3.10	3.50	3.63
385	2.16	2.24	2.26	2.22	2.08	2.08	1.96	1.76	1.71	1.76	2.01	1.80	2.18	2.11	2.77	3.42	4.18	4.18
425	2.45	2.48	2.51	2.51	2.47	2.47	2.42	2.35	2.33	2.31	2.34	2.29	2.48	2.42	3.01	3.64	4.18	4.18
465	2.62	2.62	2.65	2.65	2.65	2.65	2.60	2.60	2.57	2.53	2.54	2.51	2.52	2.79	3.08	3.64	4.03	3.79
505	2.75	2.75	2.69	2.69	2.69	2.69	2.69	2.69	2.75	2.75	2.80	2.86	2.91	2.97	3.08	3.24	3.48	3.57
545	2.62	2.62	2.60	2.60	2.56	2.56	2.56	2.56	2.62	2.62	2.63	2.68	2.69	2.75	2.81	2.93	3.07	3.13
585	2.42	2.42	2.42	2.42	2.40	2.40	2.40	2.40	2.45	2.45	2.45	2.47	2.47	2.47	2.52	2.54	2.84	2.76
625	1.93	1.93	1.96	2.00	1.93	1.98	2.04	2.04	2.08	2.08	2.08	2.08	2.04	2.03	2.03	2.11	2.11	2.25
665	1.21	1.21	1.25	1.34	1.21	1.30	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.34	1.34	1.45	1.48	1.56
705	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.66	0.71	0.77
745	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.34	0.35	0.36
785	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
825	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
865	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19
905	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16

OCTOBER SURFACE EVAPORATION (mm/day)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N*****																		
86N*****																		
82N*****																		
78N*****																		
74N*****																		
70N*****																		
66N*****																		
62N	2.47	1.58	2.33	1.42	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24
58N	2.54	2.43	2.30	2.07	0.80	0.76	0.72	0.67	0.68	0.68	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
54N	2.38	2.21	2.02	1.80	1.61	1.53	1.45	1.35	1.37	1.40	1.37	1.37	1.37	1.37	1.37	1.37	1.37	1.37
50N	1.90	1.73	1.70	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.63	1.57	1.57	1.57	1.57	1.57	1.57	1.57
46N	2.06	2.00	1.99	1.99	1.99	2.01	2.01	2.04	2.07	1.88	1.85	1.78	1.78	1.78	1.78	1.78	1.78	1.78
42N	2.44	2.43	2.43	2.43	2.43	2.44	2.44	2.44	2.47	2.17	2.04	1.99	1.99	1.99	1.99	1.99	1.99	1.99
38N	3.07	3.07	3.07	3.04	3.04	3.01	3.00	2.96	2.95	2.60	2.31	2.19	2.19	2.19	2.19	2.19	2.19	2.19
34N	3.81	3.82	3.82	3.78	3.79	3.74	3.71	3.59	3.51	3.17	2.77	2.47	2.47	2.47	2.47	2.47	2.47	2.47
30N	4.40	4.43	4.43	4.50	4.53	4.57	4.53	4.33	4.10	3.83	3.57	3.03	3.03	3.03	3.03	3.03	3.03	3.03
26N	4.96	4.99	4.99	5.01	5.01	4.99	4.96	4.79	4.55	4.15	3.83	3.33	3.33	3.33	3.33	3.33	3.33	3.33
22N	5.46	5.39	5.33	5.29	5.21	5.16	5.09	4.92	4.73	4.33	4.06	3.70	3.70	3.70	3.70	3.70	3.70	3.70
18N	5.69	5.57	5.47	5.40	5.29	5.21	5.10	4.96	4.77	4.41	4.19	3.97	3.97	3.97	3.97	3.97	3.97	3.97
14N	5.55	5.47	5.39	5.34	5.29	5.21	5.09	4.97	4.73	4.42	4.21	4.04	3.91	3.85	3.76	3.69	3.69	3.69
10N	5.07	5.10	5.10	5.13	5.13	5.13	5.07	4.87	4.57	4.37	4.13	3.93	3.80	3.67	3.60	3.50	3.50	3.50
6N	4.85	4.86	4.89	4.89	4.92	4.92	4.88	4.76	4.43	4.26	4.11	3.83	3.61	3.40	3.31	3.25	3.25	3.25
2N	4.86	4.88	4.89	4.89	4.92	4.92	4.88	4.76	4.43	4.26	4.11	3.83	3.61	3.40	3.31	3.25	3.25	3.25
25S	4.47	4.52	4.52	4.52	4.53	4.52	4.52	4.53	4.57	4.57	4.57	4.57	4.57	4.57	4.57	4.57	4.57	4.57
6S	4.30	4.36	4.36	4.36	4.39	4.37	4.37	4.29	4.57	4.73	4.85	4.71	4.58	4.27	4.22	4.07	3.94	3.94
10S	4.17	4.20	4.20	4.23	4.23	4.23	4.23	4.37	4.73	5.00	5.33	5.27	5.17	5.10	5.10	5.03	4.77	4.77
14S	4.03	4.01	3.99	4.01	4.07	4.10	4.21	4.34	4.68	5.00	5.28	5.40	5.49	5.50	5.45	5.35	5.11	5.11
18S	3.88	3.85	3.83	3.85	3.89	3.97	4.12	4.25	4.47	4.80	4.99	5.17	5.31	5.44	5.45	5.41	5.10	5.10
22S	3.71	3.66	3.67	3.67	3.72	3.82	3.96	4.09	4.24	4.47	4.61	4.77	4.92	5.12	5.17	5.17	4.94	4.94
26S	3.50	3.45	3.48	3.50	3.56	3.65	3.75	3.87	4.03	4.09	4.25	4.33	4.48	4.66	4.69	4.69	4.40	4.40
30S	3.23	3.23	3.27	3.37	3.40	3.47	3.57	3.63	3.73	3.80	3.90	3.93	4.00	4.10	4.10	4.10	4.00	4.00
34S	3.10	2.99	3.03	3.07	3.13	3.20	3.27	3.34	3.41	3.43	3.42	3.40	3.39	3.43	3.43	3.41	3.30	3.30
38S	2.91	2.77	2.75	2.76	2.83	2.85	2.92	2.97	2.99	2.96	2.92	2.91	2.89	2.85	2.85	2.83	2.82	2.80
42S	2.69	2.56	2.47	2.47	2.49	2.47	2.49	2.49	2.51	2.50	2.48	2.40	2.40	2.34	2.34	2.33	2.31	2.21
46S	2.45	2.31	2.18	2.16	2.12	2.05	2.02	1.97	2.01	1.99	1.99	1.91	1.91	1.90	1.87	1.84	1.78	1.78
50S	2.10	1.93	1.83	1.73	1.67	1.60	1.57	1.57	1.53	1.53	1.53	1.53	1.53	1.50	1.47	1.47	1.43	1.43
54S	1.67	1.61	1.51	1.44	1.40	1.39	1.35	1.33	1.32	1.32	1.32	1.32	1.32	1.31	1.31	1.31	1.21	1.21
58S	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39
62S	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17	1.17
66S	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
70S	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73
74S	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
78S	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29
82S	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
86S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N*****																		
86N*****																		
82N*****																		
78N*****	0.05	0.05	0.05															
74N*****	0.07	0.07	0.07															
70N*****	0.10	0.10	0.10					1.67										
66N*****	0.13							1.85										
62N*****	1.15	1.15		0.19	1.21		1.97	2.10							1.97	2.00	2.07	2.13
58N*****	1.22	1.23	1.90	0.27	0.29	1.40	2.27	2.66	3.03	3.12	2.37	2.45	2.53	2.68	2.69	2.78	2.76	2.84
54N*****	0.39	0.41	1.74	0.41	0.44	0.73	0.77	2.32	2.87	3.99	4.25	4.11	4.03	3.91	3.73	3.41	3.15	3.04
50N*****	0.73	0.70	0.70	0.70	0.70	2.20	2.23	2.27	2.33	5.23	5.23	4.80	4.57	4.10	3.73	3.17	2.87	2.43
46N*****	1.03	0.97	0.89	0.99	1.02	1.37	2.31	2.29	2.33	5.70	6.78	4.96	4.49	3.97	3.57	2.90	2.32	2.43
42N*****	1.22	1.25	1.21	1.35	4.84	3.87	3.93	3.72	3.93	6.60	6.81	5.00	4.31	3.55	3.25	2.79	2.37	1.43
38N*****	1.38	1.48	1.57	4.36	7.60	6.47	5.57	5.17	5.63	6.67	6.17	4.89	4.20	3.31	3.07	2.79	2.52	0.69
34N*****	1.63	2.55	2.80	8.18	8.07	7.38	6.35	5.90	6.37	5.99	5.45	4.69	4.18	3.37	3.09	2.85	2.52	0.73
30N*****	2.17	6.33	6.67	6.50	6.33	6.23	6.03	5.77	5.57	5.27	5.00	4.50	4.10	3.53	3.17	2.90	0.64	0.33
26N*****	4.83	5.67	5.87	5.91	5.80	5.70	5.53	5.45	5.19	4.97	4.73	4.30	3.97	3.51	3.17	0.74	0.31	0.23
22N*****	4.10	5.18	5.25	5.29	5.23	5.19	5.12	5.09	4.98	4.84	4.63	4.27	3.91	3.44	3.17	0.26	0.27	0.26
18N*****	3.22	4.31	4.86	4.85	4.83	4.85	4.87	4.85	4.86	4.77	4.57	4.21	3.89	3.36	3.17	1.11	1.11	0.85
14N*****	3.37	3.27	4.65	4.23	4.20	4.30	4.73	4.73	4.77	4.71	4.52	4.17	3.86	3.29	3.17	2.50	2.52	2.00
10N*****	3.67	3.00	4.43	2.50	2.33	2.57	4.57	4.60	4.67	4.63	4.47	4.17	3.83	3.27	3.20	3.17	3.27	3.33
6N*****	3.59	3.40	3.66	2.23	2.52	2.57	2.78	2.33	4.48	4.47	4.47	4.30	3.89	3.29	3.23	3.14	3.01	3.01
2N*****	3.43	3.42	3.41	2.35	2.61	2.49	2.19	1.61	4.31	4.39	4.39	4.33	4.02	3.52	3.29	3.19	3.15	3.05
2S*****	3.20	3.13	3.09	2.55	2.65	2.45	2.15	1.57	1.22	2.87	2.73	4.28	4.11	3.80	3.45	3.35	3.29	3.25
6S*****	3.13	2.76	2.60	2.61	2.62	2.46	2.27	1.76	1.42	0.85	0.45	4.17	4.13	4.01	3.67	3.57	3.47	3.40
10S*****	3.67	2.73	2.33	2.40	2.43	2.43	2.43	2.13	1.50	0.90	0.90	4.07	4.10	4.03	3.83	3.73	3.63	3.57
14S*****	3.88	2.95	2.31			2.09	2.25	2.08	1.77	1.25	2.05	3.88	3.97	3.95	3.89	3.76	3.66	3.57
18S*****	3.81	3.06	2.40			1.80	2.08	2.27	2.13	1.63	2.53	3.75	3.85	3.85	3.84	3.75	3.65	3.55
22S*****	3.63	3.03	2.45	2.19		1.27	1.95	2.44	2.36	2.23	2.97	3.69	3.75	3.76	3.76	3.69	3.61	3.52
26S*****	3.39	2.88	2.41	2.15		0.80	1.95	2.49	2.57	2.96	3.45	3.64	3.65	3.67	3.67	3.61	3.55	3.48
30S*****	3.10	2.67	2.33	2.07		1.33	2.27	2.43	3.27	3.47	3.50	3.53	3.57	3.57	3.57	3.50	3.47	3.40
34S*****	2.83	2.40	2.17	1.93		1.60	2.35	2.09	2.92	3.36	3.39	3.43	3.43	3.43	3.43	3.42	3.36	3.08
38S*****	2.45	2.19	1.99	1.80		1.47	1.80	2.59	2.97	3.09	3.09	3.16	3.16	3.16	3.16	3.10	2.99	2.74
42S*****	2.05	1.91	1.77	1.64	0.97	1.31	1.10	1.53	2.15	2.47	2.63	2.71	2.73	2.75	2.73	2.65	2.53	2.34
46S*****	1.70	1.59	1.52	1.45	0.94	1.21	1.09	1.32	1.69	1.97	2.12	2.15	2.20	2.20	2.19	2.14	2.05	1.92
50S*****	1.43	1.40	1.33	1.27	0.97	1.07	1.27	1.27	1.50	1.60	1.67	1.67	1.67	1.67	1.63	1.63	1.60	1.60
54S*****	1.27	1.27	1.23	1.19	1.13	1.15	1.20	1.27	1.42									
58S*****	1.13	1.13	1.12	1.13	1.13	1.14												
62S*****																		
66S*****																		
70S*****																		
74S*****																		
78S*****																		
82S*****																		
86S*****																		
90S*****																		





Table 5.7--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N*****																		
86N*****																		
82N*****																		
78N*****	0.05	0.05	0.05	0.08	0.08	0.08	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52
74N*****	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
70N*****	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
66N*****	0.16	0.19	0.19	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16
62N*****	0.23	0.24	0.24	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21	0.21
58N*****	0.28	0.28	0.27	0.25	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
54N*****	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.30
50N*****	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
46N*****	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
42N*****	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
38N*****	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
34N*****	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
30N*****	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67
26N*****	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.80
22N*****	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.15
18N*****	2.88	3.47	3.63	3.45	3.37	3.90	4.73	5.03	5.27	5.31	5.47	5.79	6.01	6.07	6.04	5.92	5.80	5.77
14N*****	3.05	2.95	3.33	3.33	2.90	3.37	4.07	4.27	4.47	4.60	4.79	5.19	5.51	5.77	5.85	5.79	5.70	5.61
10N*****	3.23	3.00	2.90	3.33	2.77	2.83	3.00	3.47	3.67	4.33	4.20	4.63	4.87	5.10	5.27	5.33	5.30	5.10
6N*****	3.53	3.21	2.98	2.93	2.61	2.57	2.44	2.56	2.87	3.27	3.45	3.86	4.17	4.49	4.73	4.83	4.90	4.86
2N*****	3.88	3.51	3.18	2.97	2.53	2.48	1.62	2.31	2.43	2.60	2.89	3.35	3.68	4.03	4.30	4.52	4.64	4.66
2S*****	4.33	4.07	3.75	3.51	2.97	2.81	1.17	2.51	2.45	2.47	2.56	2.88	3.37	3.79	4.06	4.32	4.43	4.46
6S*****	4.89	4.84	4.61	4.33	3.87	3.47	1.69	2.95	2.83	2.77	2.64	2.65	3.31	3.79	4.04	4.22	4.26	4.26
10S*****	5.50	5.53	5.33	5.00	4.67	4.00	3.77	3.40	3.23	3.17	3.20	3.27	3.60	4.00	4.20	4.30	4.23	4.20
14S*****	6.70	6.71	6.45	5.67	5.28	4.67	4.22	0.89	0.91	1.01	3.71	1.19	4.19	4.35	4.49	4.46	4.31	4.17
18S*****	6.60	6.60	6.33	5.79	5.45	4.99	1.87	0.21	0.25	0.29	1.67	0.99	4.73	4.87	4.89	4.58	4.27	4.01
22S*****	6.07	6.07	5.84	5.59	5.33	3.18	0.21	0.22	0.28	0.21	0.30	0.59	3.49	5.23	5.19	4.65	4.14	3.62
26S*****	5.51	5.51	5.38	5.22	5.03	0.71	0.25	0.34	0.43	0.33	0.43	0.67	1.32	5.37	5.31	4.62	3.95	3.63
30S*****	4.87	4.90	4.90	4.77	4.60	2.33	0.60	0.50	0.57	0.57	0.57	0.67	1.67	5.50	5.23	4.43	3.71	3.53
34S*****	3.91	3.91	3.91	3.89	3.85	3.40	3.05	3.03	3.18	3.31	1.45	1.41	2.20	5.10	4.91	4.14	3.50	3.20
38S*****	3.27	3.25	3.25	3.23	3.23	3.27	3.27	3.31	3.41	3.56	2.87	3.18	3.53	4.56	4.39	3.83	3.37	3.07
42S*****	2.76	2.74	2.74	2.72	2.72	2.77	2.77	2.84	2.91	3.04	3.35	3.78	3.93	3.93	3.79	3.49	2.88	2.58
46S*****	2.32	2.32	2.32	2.32	2.31	2.35	2.35	2.41	2.47	2.59	2.75	2.96	3.18	3.28	3.20	3.09	1.92	1.76
50S*****	2.00	2.00	2.00	2.00	1.97	2.00	2.03	2.07	2.10	2.17	2.27	2.40	2.57	2.67	2.67	2.50	2.40	2.23
54S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
58S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
62S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
66S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
70S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
74S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
78S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
82S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
86S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76
90S*****	1.65	1.65	1.65	1.65	1.65	1.65	1.66	1.67	1.67	1.69	1.73	1.76	1.82	1.87	1.87	1.89	1.89	1.76



Table 5.8A

[illegible]

Table 5.8B--Continued

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90W	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
86W	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
82W	0.80	0.70	0.70	0.70	0.70	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
78W	0.70	0.70	0.70	0.70	0.70	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.70	0.70	0.70
74W	0.60	0.60	0.70	0.70	0.70	0.70	0.70	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.70	0.70	0.70
70W	0.15	0.50	0.50	0.50	0.50	0.15	0.15	0.15	0.80	0.80	0.80	0.80	0.80	0.15	0.15	0.15	0.15	0.15
66W	0.50	0.50	0.15	0.15	0.50	0.70	0.15	0.15	0.60	0.80	0.80	0.15	0.15	0.15	0.17	0.15	0.15	0.15
62W	0.13	0.13	0.13	0.40	0.13	0.13	0.13	0.13	0.13	0.80	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
58W	0.13	0.13	0.13	0.17	0.16	0.15	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13
54W	0.15	0.15	0.12	0.15	0.15	0.15	0.15	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
50W	0.14	0.13	0.13	0.14	0.14	0.13	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
46W	0.13	0.09	0.13	0.13	0.13	0.13	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
42W	0.11	0.13	0.10	0.13	0.09	0.05	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09
38W	0.09	0.13	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
34W	0.09	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
30W	0.07	0.07	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
26W	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
22W	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
18W	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
14W	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
10W	0.06	0.06	0.07	0.06	0.09	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
6W	0.06	0.06	0.06	0.09	0.10	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
2W	0.06	0.06	0.06	0.10	0.07	0.07	0.07	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
25	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
6S	0.06	0.06	0.12	0.08	0.07	0.07	0.08	0.08	0.08	0.07	0.07	0.08	0.06	0.06	0.06	0.06	0.06	0.06
10S	0.06	0.06	0.06	0.12	0.08	0.07	0.05	0.09	0.07	0.09	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06
14S	0.06	0.06	0.06	0.18	0.12	0.09	0.09	0.09	0.08	0.08	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06
18S	0.06	0.06	0.06	0.06	0.18	0.11	0.05	0.09	0.09	0.09	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06
22S	0.06	0.06	0.06	0.06	0.23	0.13	0.05	0.09	0.09	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
26S	0.06	0.06	0.06	0.06	0.24	0.12	0.09	0.09	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
30S	0.06	0.06	0.06	0.06	0.23	0.10	0.05	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
34S	0.07	0.07	0.07	0.07	0.12	0.10	0.09	0.09	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
38S	0.07	0.07	0.07	0.07	0.14	0.14	0.05	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
42S	0.07	0.07	0.07	0.08	0.16	0.16	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
46S	0.07	0.07	0.07	0.14	0.19	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
50S	0.07	0.07	0.07	0.14	0.17	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
54S	0.08	0.08	0.08	0.08	0.17	0.08	0.08	0.08	0.08	0.08	0.08	0.20	0.25	0.20	0.20	0.20	0.17	0.17
58S	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.17	0.20	0.20	0.20	0.50	0.55	0.55	0.50	0.50	0.50	0.50
62S	0.09	0.09	0.08	0.08	0.09	0.35	0.40	0.50	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
66S	0.35	0.45	0.35	0.35	0.60	0.65	0.60	0.70	0.65	0.65	0.70	0.70	0.65	0.65	0.65	0.60	0.65	0.65
70S	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
74S	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
78S	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
82S	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
86S	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
90S	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

Table 5.8B--Continued

	OE	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
86N	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
82N	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
78N	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70
74N	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.20	0.70	0.70	0.70	0.70	0.70	0.70
70N	0.16	0.16	0.16	0.16	0.50	0.50	0.50	0.15	0.15	0.15	0.15	0.15	0.70	0.15	0.70	0.70	0.70	0.70
66N	0.15	0.15	0.15	0.17	0.50	0.17	0.30	0.30	0.15	0.50	0.50	0.70	0.70	0.70	0.70	0.70	0.70	0.70
62N	0.13	0.13	0.13	0.35	0.13	0.17	0.17	0.17	0.17	0.30	0.50	0.46	0.40	0.42	0.44	0.44	0.44	0.44
58N	0.13	0.13	0.13	0.17	0.13	0.17	0.17	0.16	0.15	0.15	0.15	0.36	0.38	0.26	0.15	0.16	0.36	0.32
54N	0.17	0.12	0.17	0.17	0.17	0.17	0.15	0.17	0.17	0.17	0.17	0.16	0.17	0.17	0.19	0.18	0.17	0.20
50N	0.10	0.15	0.15	0.17	0.15	0.15	0.14	0.15	0.17	0.17	0.19	0.19	0.18	0.20	0.20	0.20	0.15	0.15
46N	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.12	0.12	0.09	0.20	0.09	0.25	0.20	0.20	0.20	0.15
42N	0.10	0.09	0.09	0.10	0.13	0.12	0.09	0.09	0.11	0.11	0.09	0.20	0.20	0.24	0.22	0.16	0.15	0.17
38N	0.08	0.08	0.08	0.08	0.13	0.08	0.10	0.12	0.10	0.15	0.12	0.07	0.20	0.20	0.20	0.20	0.22	0.20
34N	0.13	0.16	0.14	0.08	0.08	0.08	0.08	0.08	0.16	0.14	0.20	0.30	0.22	0.20	0.18	0.15	0.20	0.20
30N	0.27	0.28	0.30	0.25	0.25	0.25	0.24	0.20	0.25	0.22	0.15	0.20	0.20	0.25	0.10	0.14	0.15	0.15
26N	0.25	0.20	0.28	0.30	0.28	0.30	0.15	0.07	0.20	0.35	0.07	0.10	0.14	0.20	0.15	0.10	0.10	0.10
22N	0.25	0.25	0.28	0.28	0.24	0.30	0.15	0.20	0.20	0.16	0.25	0.30	0.07	0.07	0.07	0.09	0.09	0.09
18N	0.17	0.28	0.25	0.30	0.24	0.28	0.25	0.10	0.07	0.16	0.25	0.06	0.06	0.06	0.06	0.09	0.10	0.06
14N	0.10	0.14	0.14	0.15	0.20	0.20	0.15	0.10	0.15	0.16	0.06	0.06	0.06	0.06	0.06	0.08	0.10	0.06
10N	0.10	0.10	0.10	0.10	0.10	0.12	0.10	0.10	0.10	0.15	0.20	0.06	0.06	0.06	0.06	0.06	0.10	0.06
6N	0.07	0.07	0.09	0.10	0.08	0.09	0.10	0.10	0.10	0.12	0.06	0.06	0.06	0.06	0.06	0.06	0.10	0.06
2N	0.06	0.06	0.07	0.07	0.07	0.07	0.09	0.10	0.10	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
25	0.06	0.06	0.09	0.09	0.08	0.07	0.08	0.08	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
65	0.06	0.06	0.06	0.11	0.08	0.08	0.09	0.10	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
105	0.06	0.06	0.06	0.09	0.09	0.09	0.09	0.12	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
145	0.06	0.06	0.06	0.09	0.09	0.09	0.11	0.11	0.06	0.06	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06
185	0.06	0.06	0.06	0.15	0.09	0.09	0.11	0.10	0.06	0.12	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
225	0.06	0.06	0.06	0.20	0.09	0.21	0.10	0.10	0.06	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
265	0.06	0.06	0.06	0.28	0.25	0.14	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
305	0.06	0.06	0.06	0.06	0.20	0.10	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
345	0.07	0.07	0.07	0.07	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
385	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
425	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
465	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
505	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
545	0.17	0.17	0.20	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.00	0.08	0.08	0.08	0.08	0.08	0.08	0.08
585	0.50	0.50	0.50	0.47	0.50	0.52	0.45	0.40	0.40	0.25	0.30	0.30	0.30	0.35	0.41	0.41	0.41	0.25
625	0.55	0.55	0.55	0.55	0.55	0.52	0.50	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
665	0.65	0.60	0.60	0.60	0.60	0.60	0.57	0.60	0.65	0.60	0.60	0.65	0.70	0.70	0.65	0.57	0.57	0.65
705	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
745	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
785	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
825	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
865	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
905	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

Table 5.8B--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
86N	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
82N	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
78N	0.70	0.70	0.70	0.70	0.70	0.70	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.80
74N	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.70	0.57	0.75	0.75	0.75	0.75	0.75	0.75	0.80
70N	0.55	0.60	0.55	0.40	0.55	0.55	0.55	0.50	0.45	0.45	0.40	0.40	0.40	0.70	0.15	0.15	0.15	0.15
66N	0.38	0.38	0.38	0.38	0.36	0.35	0.34	0.33	0.33	0.33	0.32	0.32	0.32	0.32	0.38	0.70	0.50	0.50
62N	0.36	0.36	0.38	0.38	0.36	0.34	0.32	0.32	0.50	0.60	0.40	0.32	0.40	0.50	0.50	0.70	0.70	0.13
58N	0.30	0.28	0.30	0.30	0.36	0.36	0.35	0.35	0.38	0.38	0.13	0.13	0.13	0.13	0.65	0.13	0.13	0.13
54N	0.28	0.28	0.28	0.30	0.36	0.36	0.36	0.36	0.48	0.50	0.12	0.12	0.12	0.12	0.36	0.12	0.12	0.12
50N	0.20	0.15	0.24	0.20	0.18	0.18	0.30	0.35	0.45	0.35	0.20	0.10	0.10	0.10	0.10	0.10	0.10	0.10
46N	0.18	0.16	0.18	0.20	0.20	0.20	0.14	0.13	0.13	0.30	0.09	0.13	0.09	0.09	0.09	0.09	0.09	0.09
42N	0.22	0.20	0.24	0.25	0.20	0.15	0.12	0.13	0.13	0.30	0.09	0.13	0.09	0.09	0.09	0.09	0.09	0.09
38N	0.23	0.20	0.20	0.22	0.15	0.10	0.08	0.09	0.08	0.08	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.08
34N	0.20	0.20	0.20	0.14	0.10	0.10	0.08	0.08	0.08	0.10	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
30N	0.17	0.16	0.12	0.09	0.10	0.10	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
26N	0.09	0.09	0.08	0.10	0.10	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
22N	0.07	0.09	0.10	0.10	0.10	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
18N	0.06	0.09	0.09	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
14N	0.06	0.06	0.07	0.08	0.06	0.06	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
10N	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
6N	0.06	0.06	0.08	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
2N	0.06	0.06	0.10	0.06	0.06	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
25	0.06	0.06	0.06	0.06	0.06	0.09	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
65	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.09	0.10	0.06	0.06	0.06	0.06	0.06	0.06
105	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.06	0.06	0.06	0.06	0.06
145	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
185	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.14	0.15	0.10	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
225	0.06	0.06	0.06	0.06	0.06	0.14	0.16	0.28	0.26	0.16	0.14	0.10	0.06	0.06	0.06	0.06	0.06	0.06
265	0.06	0.06	0.06	0.06	0.06	0.14	0.18	0.24	0.22	0.22	0.16	0.09	0.08	0.06	0.06	0.06	0.06	0.06
305	0.06	0.06	0.06	0.06	0.06	0.06	0.21	0.25	0.24	0.18	0.15	0.09	0.08	0.06	0.06	0.06	0.06	0.06
345	0.07	0.07	0.07	0.07	0.07	0.07	0.09	0.07	0.07	0.07	0.09	0.09	0.07	0.06	0.06	0.06	0.06	0.06
385	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
465	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.13	0.07
505	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
545	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
585	0.20	0.15	0.15	0.15	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
625	0.40	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.20	0.20	0.15	0.15
665	0.75	0.75	0.80	0.70	0.65	0.65	0.70	0.70	0.70	0.70	0.65	0.62	0.62	0.60	0.70	0.50	0.55	0.55
705	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
745	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
785	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
825	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
865	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
905	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

Table 5.8B

SEPTEMBER-OCTOBER-NOVEMBER PLANETARY ALBEDO (fractions)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N																		
86N																		
82N																		
78N																		
74N																		
70N																		
66N																		
62N																		
58N																		
54N																		
50N								0.50	0.45	0.38	0.35	0.34	0.36	0.40	0.45	0.50	0.50	0.50
46N	0.31	0.30	0.30	0.29	0.28	0.29	0.30	0.41	0.36	0.35	0.32	0.32	0.34	0.37	0.40	0.44	0.43	0.41
42N	0.31	0.30	0.29	0.28	0.28	0.28	0.29	0.30	0.32	0.30	0.30	0.29	0.30	0.33	0.35	0.36	0.35	0.34
38N	0.32	0.30	0.28	0.28	0.27	0.27	0.28	0.28	0.29	0.28	0.28	0.27	0.28	0.29	0.31	0.33	0.32	0.30
34N	0.30	0.29	0.27	0.27	0.27	0.27	0.26	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.25	0.27	0.27	0.27
30N	0.29	0.28	0.26	0.26	0.26	0.26	0.25	0.21	0.22	0.23	0.23	0.23	0.22	0.22	0.23	0.25	0.25	0.25
26N	0.28	0.27	0.25	0.25	0.24	0.24	0.21	0.19	0.20	0.22	0.22	0.22	0.20	0.20	0.21	0.22	0.24	0.24
22N	0.29	0.28	0.25	0.24	0.22	0.21	0.18	0.16	0.19	0.21	0.22	0.22	0.21	0.19	0.21	0.22	0.24	0.24
18N	0.30	0.30	0.26	0.23	0.21	0.20	0.17	0.16	0.18	0.21	0.22	0.22	0.21	0.20	0.21	0.23	0.25	0.27
14N	0.30	0.30	0.26	0.23	0.20	0.18	0.17	0.18	0.20	0.21	0.22	0.22	0.22	0.21	0.22	0.23	0.25	0.26
10N	0.29	0.29	0.27	0.23	0.20	0.18	0.18	0.20	0.22	0.22	0.22	0.22	0.22	0.22	0.23	0.24	0.25	0.26
6N	0.28	0.28	0.26	0.23	0.20	0.17	0.20	0.24	0.23	0.22	0.21	0.21	0.22	0.22	0.23	0.24	0.25	0.27
2N	0.27	0.26	0.24	0.20	0.18	0.16	0.18	0.21	0.21	0.20	0.21	0.21	0.22	0.23	0.24	0.25	0.25	0.27
25	0.25	0.24	0.22	0.19	0.16	0.15	0.21	0.18	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27
65	0.25	0.24	0.20	0.17	0.15	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.22	0.23	0.25	0.26	0.27	0.27
105	0.26	0.25	0.22	0.19	0.17	0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.22	0.22	0.24	0.25	0.26	0.27
145	0.27	0.26	0.24	0.20	0.18	0.17	0.18	0.18	0.20	0.22	0.22	0.22	0.23	0.23	0.24	0.25	0.26	0.27
185	0.26	0.26	0.23	0.22	0.20	0.20	0.20	0.20	0.22	0.22	0.22	0.22	0.23	0.23	0.24	0.25	0.26	0.27
225	0.25	0.24	0.23	0.22	0.20	0.20	0.20	0.20	0.22	0.23	0.24	0.24	0.24	0.24	0.25	0.26	0.27	0.27
265	0.24	0.24	0.23	0.22	0.20	0.20	0.20	0.20	0.22	0.23	0.24	0.24	0.24	0.24	0.25	0.26	0.27	0.27
305	0.24	0.24	0.23	0.22	0.20	0.20	0.20	0.20	0.22	0.23	0.24	0.24	0.24	0.24	0.25	0.26	0.27	0.27
345	0.25	0.25	0.24	0.23	0.21	0.21	0.21	0.21	0.23	0.24	0.25	0.25	0.26	0.27	0.28	0.29	0.30	0.30
385	0.27	0.27	0.26	0.25	0.23	0.23	0.23	0.23	0.25	0.26	0.27	0.27	0.28	0.29	0.30	0.31	0.31	0.31
425	0.30	0.30	0.29	0.28	0.26	0.26	0.26	0.26	0.28	0.29	0.30	0.30	0.31	0.31	0.32	0.32	0.33	0.33
465	0.32	0.32	0.31	0.30	0.28	0.28	0.28	0.28	0.30	0.31	0.32	0.32	0.33	0.33	0.34	0.34	0.35	0.35
505	0.35	0.35	0.34	0.33	0.31	0.31	0.31	0.31	0.33	0.34	0.34	0.34	0.35	0.35	0.36	0.36	0.37	0.37
545	0.40	0.39	0.38	0.37	0.35	0.35	0.35	0.35	0.37	0.38	0.38	0.38	0.39	0.39	0.40	0.40	0.41	0.41
585	0.45	0.45	0.44	0.43	0.41	0.41	0.41	0.41	0.43	0.44	0.44	0.44	0.45	0.45	0.46	0.46	0.47	0.47
625	0.51	0.50	0.49	0.48	0.46	0.46	0.46	0.46	0.48	0.49	0.49	0.49	0.50	0.50	0.51	0.51	0.52	0.52
665	0.56	0.56	0.55	0.54	0.52	0.52	0.52	0.52	0.54	0.55	0.55	0.55	0.56	0.56	0.57	0.57	0.58	0.58
705	0.58	0.58	0.57	0.56	0.54	0.54	0.54	0.54	0.56	0.57	0.57	0.57	0.58	0.58	0.59	0.59	0.60	0.60
745	0.60	0.60	0.59	0.58	0.56	0.56	0.56	0.56	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62
785	0.60	0.60	0.59	0.58	0.56	0.56	0.56	0.56	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62
825	0.60	0.60	0.59	0.58	0.56	0.56	0.56	0.56	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62
865	0.60	0.60	0.59	0.58	0.56	0.56	0.56	0.56	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62
905	0.60	0.60	0.59	0.58	0.56	0.56	0.56	0.56	0.58	0.59	0.59	0.59	0.60	0.60	0.61	0.61	0.62	0.62



Table 5.8B--Continued

	90N	85N	80N	75N	70N	65N	60N	55N	50N	45N	40N	35N	30N	25N	20N	15N	10N	5N
90N	0.38	0.37	0.35	0.33	0.30	0.27	0.27	0.28	0.29	0.30	0.31	0.31	0.31	0.32	0.33	0.35	0.34	0.34
86N	0.34	0.34	0.32	0.30	0.29	0.27	0.27	0.28	0.30	0.31	0.31	0.30	0.30	0.30	0.30	0.33	0.32	0.32
82N	0.32	0.32	0.30	0.29	0.28	0.25	0.27	0.28	0.30	0.31	0.31	0.30	0.30	0.30	0.30	0.33	0.31	0.31
78N	0.30	0.30	0.29	0.28	0.26	0.25	0.27	0.29	0.31	0.31	0.30	0.28	0.28	0.28	0.28	0.28	0.29	0.29
74N	0.28	0.28	0.27	0.26	0.25	0.24	0.25	0.30	0.30	0.30	0.28	0.26	0.25	0.25	0.25	0.26	0.27	0.28
70N	0.26	0.26	0.25	0.25	0.24	0.24	0.25	0.27	0.28	0.27	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.27
66N	0.24	0.25	0.24	0.24	0.23	0.23	0.24	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.26
62N	0.25	0.24	0.23	0.23	0.23	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.24	0.25
58N	0.27	0.25	0.24	0.23	0.23	0.22	0.22	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.20	0.22	0.25
54N	0.28	0.26	0.23	0.22	0.23	0.22	0.21	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.20	0.19	0.21	0.24
50N	0.26	0.26	0.25	0.25	0.24	0.24	0.25	0.27	0.28	0.27	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.27
46N	0.24	0.25	0.24	0.24	0.23	0.23	0.24	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.26
42N	0.25	0.24	0.23	0.23	0.23	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.24	0.25
38N	0.27	0.25	0.24	0.23	0.23	0.22	0.22	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.20	0.22	0.25
34N	0.28	0.26	0.23	0.22	0.23	0.22	0.21	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.20	0.19	0.21	0.24
30N	0.26	0.26	0.25	0.25	0.24	0.24	0.25	0.27	0.28	0.27	0.25	0.25	0.25	0.25	0.24	0.24	0.24	0.27
26N	0.24	0.25	0.24	0.24	0.23	0.23	0.24	0.25	0.25	0.25	0.24	0.24	0.24	0.24	0.23	0.23	0.23	0.26
22N	0.25	0.24	0.23	0.23	0.23	0.22	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.23	0.22	0.22	0.24	0.25
18N	0.27	0.25	0.24	0.23	0.23	0.22	0.22	0.21	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.20	0.22	0.25
14N	0.28	0.26	0.23	0.22	0.23	0.22	0.21	0.20	0.20	0.20	0.21	0.21	0.21	0.21	0.20	0.19	0.21	0.24
10N	0.26	0.25	0.24	0.24	0.23	0.22	0.21	0.19	0.19	0.20	0.20	0.20	0.20	0.20	0.19	0.19	0.21	0.24
6N	0.25	0.24	0.24	0.25	0.24	0.22	0.21	0.18	0.18	0.19	0.19	0.19	0.18	0.18	0.18	0.20	0.22	0.24
2N	0.25	0.24	0.25	0.26	0.25	0.23	0.21	0.18	0.18	0.19	0.18	0.17	0.16	0.15	0.17	0.19	0.21	0.24
25	0.25	0.24	0.25	0.27	0.25	0.23	0.21	0.19	0.18	0.18	0.17	0.16	0.15	0.15	0.17	0.19	0.21	0.24
65	0.26	0.25	0.25	0.27	0.25	0.23	0.22	0.20	0.19	0.18	0.17	0.16	0.15	0.15	0.17	0.19	0.21	0.24
105	0.26	0.25	0.25	0.26	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.16	0.17	0.17	0.20	0.22
145	0.26	0.26	0.25	0.25	0.24	0.23	0.22	0.22	0.21	0.19	0.18	0.17	0.16	0.17	0.17	0.18	0.20	0.22
185	0.26	0.26	0.25	0.24	0.23	0.22	0.23	0.22	0.22	0.20	0.19	0.18	0.17	0.17	0.17	0.18	0.20	0.22
225	0.26	0.25	0.25	0.24	0.23	0.23	0.24	0.24	0.22	0.22	0.22	0.22	0.22	0.22	0.21	0.21	0.23	0.23
265	0.26	0.25	0.24	0.23	0.24	0.24	0.25	0.24	0.24	0.23	0.23	0.25	0.25	0.24	0.23	0.23	0.24	0.24
305	0.27	0.25	0.24	0.24	0.25	0.26	0.26	0.26	0.25	0.24	0.25	0.26	0.26	0.26	0.25	0.25	0.25	0.25
345	0.28	0.25	0.25	0.25	0.26	0.27	0.27	0.28	0.27	0.26	0.27	0.27	0.27	0.27	0.27	0.26	0.25	0.25
385	0.29	0.27	0.27	0.26	0.27	0.28	0.29	0.29	0.29	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.27	0.27
425	0.30	0.29	0.29	0.30	0.29	0.29	0.30	0.31	0.30	0.29	0.29	0.30	0.29	0.29	0.29	0.30	0.30	0.31
465	0.31	0.31	0.32	0.32	0.32	0.31	0.32	0.33	0.32	0.31	0.31	0.32	0.30	0.30	0.30	0.32	0.33	0.34
505	0.33	0.33	0.33	0.35	0.34	0.33	0.34	0.34	0.34	0.34	0.35	0.35	0.34	0.33	0.35	0.35	0.36	0.36
545	0.35	0.35	0.35	0.37	0.36	0.35	0.35	0.37	0.37	0.37	0.38	0.38	0.37	0.37	0.38	0.40	0.39	0.39
585	0.39	0.38	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.41	0.42	0.43	0.42	0.42	0.43	0.43	0.43	0.43
625	0.44	0.44	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.46	0.47	0.48	0.48	0.47	0.48	0.48	0.48	0.48
665	0.48	0.48	0.48	0.49	0.49	0.50	0.50	0.50	0.50	0.51	0.52	0.53	0.52	0.52	0.52	0.52	0.52	0.52
705	0.52	0.52	0.52	0.53	0.53	0.53	0.53	0.54	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
745	0.57	0.56	0.56	0.57	0.57	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
785	0.60	0.60	0.60	0.61	0.61	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
825	0.63	0.63	0.63	0.64	0.64	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
865	0.65	0.65	0.65	0.66	0.66	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
905	0.65	0.65	0.65	0.66	0.66	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65

	0E	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N																		
86N																		
82N																		
78N																		
74N																		
70N																		
66N																		
62N																		
58N																		
54N	0.34	0.33	0.30	0.29	0.30	0.32	0.35	0.37	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
50N	0.33	0.32	0.30	0.29	0.29	0.29	0.30	0.32	0.34	0.35	0.34	0.34	0.35	0.36	0.35	0.35	0.35	0.35
46N	0.32	0.31	0.30	0.29	0.28	0.28	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.32	0.33	0.34	0.34	0.33
42N	0.31	0.30	0.30	0.28	0.27	0.26	0.27	0.28	0.29	0.29	0.29	0.29	0.29	0.30	0.32	0.33	0.33	0.33
38N	0.30	0.30	0.29	0.27	0.26	0.25	0.26	0.27	0.28	0.28	0.28	0.28	0.28	0.29	0.31	0.32	0.33	0.33
34N	0.29	0.29	0.28	0.27	0.25	0.24	0.25	0.26	0.27	0.27	0.27	0.27	0.27	0.28	0.30	0.31	0.32	0.32
30N	0.28	0.28	0.28	0.27	0.26	0.25	0.26	0.27	0.26	0.26	0.26	0.26	0.26	0.27	0.28	0.30	0.31	0.32
26N	0.27	0.27	0.27	0.26	0.27	0.26	0.27	0.26	0.25	0.25	0.25	0.25	0.25	0.25	0.27	0.30	0.30	0.31
22N	0.26	0.27	0.26	0.25	0.26	0.26	0.26	0.25	0.25	0.24	0.24	0.25	0.24	0.24	0.26	0.28	0.29	0.30
18N	0.26	0.26	0.25	0.24	0.25	0.25	0.25	0.24	0.24	0.23	0.23	0.23	0.22	0.22	0.25	0.27	0.27	0.28
14N	0.26	0.26	0.25	0.23	0.24	0.24	0.24	0.23	0.23	0.23	0.22	0.21	0.20	0.20	0.23	0.26	0.27	0.27
10N	0.25	0.26	0.25	0.24	0.24	0.25	0.24	0.23	0.24	0.24	0.23	0.20	0.20	0.21	0.23	0.26	0.27	0.28
6N	0.25	0.25	0.25	0.25	0.26	0.26	0.25	0.24	0.25	0.26	0.23	0.20	0.20	0.21	0.23	0.27	0.27	0.28
2N	0.25	0.24	0.24	0.24	0.25	0.25	0.24	0.23	0.24	0.23	0.20	0.19	0.21	0.24	0.25	0.28	0.29	0.30
2S	0.23	0.23	0.23	0.24	0.24	0.24	0.23	0.23	0.24	0.21	0.20	0.19	0.21	0.24	0.26	0.28	0.29	0.30
6S	0.24	0.24	0.24	0.23	0.24	0.23	0.22	0.22	0.22	0.20	0.19	0.19	0.20	0.25	0.27	0.29	0.30	0.31
10S	0.25	0.25	0.24	0.23	0.23	0.22	0.22	0.21	0.20	0.18	0.17	0.18	0.19	0.22	0.24	0.27	0.28	0.29
14S	0.25	0.25	0.25	0.23	0.23	0.22	0.21	0.20	0.18	0.17	0.17	0.18	0.18	0.19	0.20	0.23	0.24	0.25
18S	0.25	0.25	0.24	0.22	0.22	0.22	0.22	0.21	0.20	0.17	0.18	0.19	0.18	0.19	0.20	0.23	0.24	0.25
22S	0.25	0.25	0.22	0.21	0.22	0.23	0.23	0.22	0.21	0.19	0.20	0.20	0.20	0.19	0.21	0.24	0.25	0.26
26S	0.25	0.25	0.22	0.20	0.23	0.24	0.24	0.24	0.23	0.20	0.22	0.23	0.22	0.22	0.22	0.23	0.24	0.24
30S	0.26	0.25	0.24	0.23	0.25	0.26	0.26	0.26	0.25	0.24	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.26
34S	0.27	0.28	0.27	0.27	0.28	0.28	0.28	0.28	0.28	0.28	0.28	0.30	0.29	0.28	0.28	0.28	0.29	0.29
38S	0.29	0.30	0.30	0.30	0.30	0.30	0.30	0.30	0.31	0.30	0.32	0.32	0.32	0.31	0.31	0.31	0.31	0.31
42S	0.32	0.33	0.34	0.35	0.35	0.34	0.35	0.35	0.35	0.34	0.34	0.34	0.34	0.33	0.33	0.33	0.33	0.33
46S	0.35	0.37	0.37	0.38	0.38	0.38	0.37	0.37	0.37	0.37	0.37	0.36	0.35	0.35	0.35	0.35	0.36	0.36
50S	0.37	0.40	0.40	0.42	0.42	0.41	0.40	0.38	0.39	0.42	0.38	0.38	0.38	0.37	0.37	0.38	0.38	0.38
54S	0.39	0.44	0.45	0.45	0.45	0.45	0.43	0.40	0.41	0.42	0.42	0.41	0.41	0.41	0.42	0.42	0.42	0.42
58S	0.43	0.47	0.48	0.48	0.48	0.48	0.47	0.45	0.45	0.46	0.45	0.45	0.45	0.45	0.45	0.46	0.46	0.46
62S	0.48	0.50	0.50	0.51	0.51	0.52	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.51	0.51	0.51
66S	0.52	0.53	0.53	0.53	0.54	0.54	0.54	0.53	0.54	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55	0.55
70S	0.55	0.55	0.55	0.56	0.56	0.57	0.57	0.57	0.57	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.58
74S	0.57	0.57	0.58	0.58	0.59	0.60	0.60	0.60	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61	0.61
78S	0.59	0.59	0.61	0.61	0.61	0.61	0.62	0.62	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63	0.63
82S	0.63	0.63	0.63	0.63	0.63	0.63	0.64	0.64	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
86S	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65
90S	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65

Table 5.8B--Continued

[illegible]

Table 5.8C

## SEPTEMBER-OCTOBER-NOVEMBER OUTGOING LONGWAVE RADIATION (100 ly/day)

[illegible]



Table 5.8C--Continued

[illegible]



	OE	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
86N	*****	3.46	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82N	*****	3.46	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
78N	3.46	3.46	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
74N	3.60	3.60	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
70N	3.74	3.74	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
66N	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
62N	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
58N	4.32	4.32	4.32	4.32	4.32	4.18	4.18	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
54N	4.46	4.46	4.46	4.46	4.46	4.32	4.32	4.32	4.32	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18
50N	4.75	4.75	4.61	4.61	4.61	4.61	4.61	4.46	4.46	4.46	4.46	4.46	4.32	4.32	4.32	4.32	4.32	4.32
46N	4.90	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61
42N	5.04	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90
38N	5.18	5.04	5.18	5.18	5.18	5.04	5.04	5.04	5.04	5.04	5.18	5.18	5.18	5.04	4.90	4.75	4.61	4.46
34N	5.18	5.18	5.18	5.18	5.33	5.18	5.18	5.18	5.18	5.33	5.33	5.33	5.33	5.18	5.18	5.04	4.90	4.90
30N	5.18	5.18	5.33	5.33	5.33	5.33	5.33	5.47	5.47	5.47	5.47	5.62	5.62	5.62	5.33	5.18	5.04	5.04
26N	5.33	5.33	5.33	5.33	5.33	5.47	5.47	5.62	5.62	5.62	5.62	5.76	5.76	5.62	5.62	5.33	5.18	5.18
22N	5.33	5.33	5.47	5.47	5.47	5.47	5.47	5.62	5.62	5.76	5.76	5.90	5.76	5.76	5.62	5.33	5.18	5.18
18N	5.47	5.47	5.33	5.33	5.33	5.33	5.47	5.62	5.62	5.76	5.76	5.90	5.76	5.76	5.62	5.33	5.18	5.18
14N	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.47	5.62	5.62	5.62	5.62	5.62	5.62	5.33	5.18	5.04	5.04
10N	5.33	5.33	5.33	5.18	5.18	5.18	5.18	5.33	5.47	5.62	5.62	5.62	5.47	5.47	5.33	5.18	5.04	4.75
6N	5.33	5.18	5.18	5.04	5.04	4.90	5.04	5.18	5.18	5.47	5.47	5.47	5.33	5.33	5.18	5.04	4.90	4.75
2N	5.33	5.18	5.18	4.90	4.75	4.75	4.90	5.18	5.18	5.33	5.33	5.33	5.33	5.18	5.04	4.90	4.75	4.75
2S	5.47	5.33	5.18	5.04	4.75	4.90	5.04	5.33	5.47	5.47	5.47	5.33	5.33	5.18	5.04	4.90	4.90	4.75
6S	5.47	5.33	5.33	5.18	5.04	5.04	5.18	5.47	5.62	5.62	5.62	5.47	5.18	5.18	5.04	5.04	5.04	5.04
10S	5.33	5.33	5.47	5.33	5.18	5.18	5.33	5.62	5.62	5.76	5.62	5.62	5.47	5.33	5.33	5.18	5.18	5.18
14S	5.33	5.47	5.62	5.62	5.47	5.33	5.47	5.62	5.76	5.90	5.90	5.76	5.62	5.62	5.33	5.18	5.18	5.18
18S	5.33	5.47	5.62	5.62	5.62	5.47	5.47	5.62	5.76	5.90	5.90	5.76	5.62	5.62	5.33	5.18	5.18	5.18
22S	5.18	5.47	5.62	5.62	5.62	5.47	5.47	5.62	5.76	5.90	5.90	5.76	5.62	5.62	5.33	5.18	5.18	5.18
26S	5.18	5.33	5.33	5.33	5.47	5.33	5.33	5.47	5.47	5.62	5.62	5.62	5.62	5.62	5.33	5.18	5.04	5.04
30S	5.04	5.18	5.18	5.18	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33	5.33
34S	4.90	5.04	5.04	5.04	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18
38S	4.75	4.90	4.90	4.90	5.04	5.04	5.04	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90	4.90
42S	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
46S	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61
50S	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46
54S	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32
58S	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18
62S	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
66S	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
70S	3.74	3.74	3.74	3.60	3.60	3.60	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46
74S	3.60	3.46	3.46	3.31	3.31	3.31	3.31	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02
78S	3.46	*****	3.31	3.17	3.17	3.17	3.02	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
86S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
90S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N*****																		
86N*****																		
82N*****																		
78N*****																		
74N*****																		
70N*****																		
66V*****																		
62N	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89	3.89
58N	4.03	3.89	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
54N	4.18	4.03	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18
50N	4.32	4.18	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32
46N	4.32	4.32	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46
42N	4.45	4.46	4.61	4.61	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
38N	4.75	4.75	4.75	4.90	5.04	5.04	5.04	5.18	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04
34N	4.75	4.75	4.90	4.90	5.04	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18
30N	4.90	4.90	5.04	5.04	5.18	5.33	5.33	5.33	5.33	5.33	5.18	5.18	5.18	5.33	5.33	5.33	5.33	5.18
26N	5.04	5.04	5.18	5.18	5.18	5.18	5.18	5.47	5.47	5.33	5.33	5.33	5.33	5.47	5.47	5.47	5.47	5.33
22N	5.04	5.04	5.18	5.33	5.18	5.18	5.33	5.62	5.62	5.47	5.33	5.33	5.33	5.47	5.62	5.62	5.62	5.47
18N	4.90	5.04	5.18	5.33	5.33	5.33	5.62	5.76	5.62	5.47	5.47	5.33	5.33	5.47	5.62	5.62	5.62	5.47
14N	4.90	5.04	5.18	5.18	5.33	5.47	5.62	5.90	5.62	5.47	5.47	5.33	5.33	5.47	5.47	5.47	5.47	5.47
10N	4.75	4.75	5.04	5.18	5.33	5.33	5.62	5.76	5.62	5.47	5.47	5.33	5.33	5.33	5.33	5.33	5.33	5.33
6N	4.61	4.75	4.90	5.04	5.18	5.18	5.47	5.62	5.62	5.47	5.33	5.33	5.33	5.18	5.18	5.18	5.18	5.33
2N	4.75	4.75	4.75	5.04	5.18	5.18	5.62	5.62	5.62	5.47	5.33	5.33	5.33	5.18	5.18	5.18	5.18	5.33
2S	4.90	4.90	4.90	5.04	5.18	5.33	5.62	5.62	5.62	5.47	5.33	5.33	5.18	5.04	5.04	5.04	5.18	5.33
6S	5.04	5.18	5.18	5.18	5.47	5.47	5.62	5.76	5.62	5.62	5.47	5.33	5.18	5.04	4.90	4.90	5.18	5.33
10S	5.18	5.33	5.33	5.47	5.62	5.62	5.76	5.90	5.76	5.62	5.62	5.62	5.33	5.18	5.04	5.04	5.18	5.33
14S	5.47	5.62	5.62	5.62	5.76	5.76	5.90	6.05	5.90	5.76	5.76	5.62	5.62	5.33	5.18	5.18	5.18	5.33
18S	5.33	5.62	5.62	5.76	5.76	5.90	6.05	6.05	5.90	5.76	5.76	5.62	5.62	5.33	5.18	5.18	5.18	5.33
22S	5.33	5.47	5.62	5.62	5.76	5.76	5.90	5.90	5.90	5.76	5.76	5.62	5.62	5.33	5.18	5.18	5.18	5.33
26S	5.33	5.33	5.47	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.62	5.33	5.33	5.33	5.33	5.33
30S	5.18	5.18	5.33	5.33	5.33	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.33	5.33	5.18	5.18	5.18	5.18
34S	5.04	5.04	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18	5.18
38S	4.90	4.90	4.90	4.90	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04	5.04
42S	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75
46S	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61	4.61
50S	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46
54S	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32
58S	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18
62S	3.89	3.89	3.89	4.03	3.89	3.89	3.89	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03
66S	3.60	3.60	3.74	3.89	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.74	3.89	3.89	3.89
70S	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.31	3.46	3.46	3.46	3.60	3.60	3.60	3.60
74S	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.02	3.31	3.31	3.31	3.31
78S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.02	3.17	3.17	3.17
82S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	3.02	3.02	3.17
86S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
90S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

OCTOBER SOLAR RADIATION RECEIVED AT SURFACE: (100 ly/day)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N																		
86N																		
82N																		
78N	0.26	0.27	0.26	0.26	0.43	0.44	0.47	0.49	0.52	0.44	0.44	0.44	0.30	0.29	0.29	0.29	0.31	0.32
74N	3.43	0.46	0.43	0.43	0.43	0.44	0.47	0.49	0.52	0.44	0.44	0.44	0.44	0.41	0.41	0.41	0.43	0.43
70N	0.57	0.57	0.57	0.57	0.57	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.57	0.57	0.57	0.57
66N	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.84	0.84	0.83	0.81	0.75	0.75
62N	0.91	0.91	0.93	0.93	0.93	0.95	0.95	0.95	0.95	0.95	0.95	0.95	1.12	1.12	1.12	1.09	1.00	0.90
58N	1.09	1.11	1.13	1.13	1.13	1.15	1.15	1.15	1.15	1.15	1.15	1.15	1.43	1.43	1.43	1.41	1.32	1.23
54N	1.29	1.31	1.31	1.31	1.31	1.32	1.32	1.33	1.33	1.33	1.33	1.33	1.63	1.63	1.63	1.61	1.57	1.57
50N	1.50	1.50	1.50	1.50	1.50	1.53	1.53	1.57	1.57	1.50	1.50	1.63	1.83	1.83	2.27	2.27	2.13	2.00
46N	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.81	1.81	1.79	1.90	2.19	2.63	2.63	2.63	2.63	2.63	2.63
42N	2.11	2.09	2.09	2.07	2.07	2.07	2.09	2.11	2.15	2.23	2.36	2.93	3.36	3.36	3.36	3.36	3.36	3.36
38N	2.58	2.56	2.55	2.51	2.49	2.47	2.49	2.49	2.53	2.64	2.61	3.36	3.93	3.93	3.93	3.93	3.93	3.93
34N	3.11	3.11	3.07	3.04	2.98	2.95	2.95	2.95	2.94	2.99	2.79	3.45	4.03	4.03	4.03	4.03	4.03	4.03
30N	3.57	3.57	3.50	3.47	3.43	3.40	3.40	3.40	3.37	3.37	3.40	3.77	4.03	4.03	4.03	4.03	4.03	4.03
26N	3.97	3.97	3.95	3.95	3.94	3.93	3.93	3.88	3.77	3.63	3.61	3.77	4.06	4.06	4.06	4.06	4.06	4.06
22N	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.16	4.09	3.90	3.85	3.92	4.09	4.09	4.09	4.09	4.09	4.09
18N	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.31	4.15	4.09	4.09	4.17	4.17	4.17	4.17	4.17	4.17
14N	4.47	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.48	4.39	4.33	4.29	4.30	4.25	4.18	4.09	3.90	3.84
10N	4.63	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.67	4.63	4.57	4.53	4.43	4.33	4.23	4.07	3.77	3.60
6N	4.79	4.83	4.88	4.91	4.93	4.99	5.01	5.04	5.07	4.98	4.91	4.80	4.65	4.55	4.42	4.17	3.77	3.60
2N	4.91	4.97	5.03	5.09	5.20	5.27	5.30	5.31	5.33	5.29	5.24	5.15	4.96	4.80	4.59	4.30	3.95	3.65
2S	5.01	5.07	5.14	5.23	5.40	5.49	5.51	5.51	5.51	5.51	5.48	5.44	5.28	5.07	4.80	4.49	4.08	3.77
6S	5.09	5.13	5.19	5.30	5.46	5.58	5.59	5.59	5.59	5.59	5.57	5.57	5.48	5.27	5.01	4.68	4.24	3.89
10S	5.17	5.10	5.13	5.17	5.30	5.37	5.40	5.40	5.40	5.43	5.47	5.47	5.40	5.27	5.07	4.73	4.40	3.97
14S	5.03	4.94	4.95	4.95	4.98	5.05	5.08	5.08	5.08	5.09	5.20	5.23	5.15	5.05	4.93	4.68	4.43	4.07
18S	4.90	4.80	4.76	4.74	4.72	4.73	4.74	4.74	4.74	4.76	4.83	4.85	4.84	4.80	4.72	4.55	4.37	4.07
22S	4.78	4.68	4.59	4.54	4.51	4.47	4.46	4.45	4.45	4.49	4.51	4.51	4.53	4.53	4.48	4.39	4.25	4.06
26S	4.66	4.56	4.43	4.36	4.32	4.28	4.25	4.21	4.21	4.27	4.27	4.27	4.26	4.26	4.23	4.19	4.07	3.94
30S	4.50	4.41	4.30	4.20	4.13	4.07	4.03	4.00	4.00	4.00	4.00	4.00	3.97	3.97	3.93	3.90	3.80	3.70
34S	4.21	4.16	4.06	3.99	3.89	3.85	3.79	3.73	3.68	3.73	3.71	3.68	3.59	3.57	3.51	3.45	3.40	3.30
38S	3.93	3.88	3.80	3.73	3.65	3.60	3.55	3.51	3.44	3.43	3.39	3.32	3.24	3.21	3.16	3.09	3.06	3.00
42S	3.64	3.55	3.47	3.41	3.35	3.28	3.25	3.21	3.13	3.08	3.03	2.95	2.89	2.91	2.91	2.87	2.87	2.80
46S	3.25	3.14	3.05	3.02	2.95	2.89	2.84	2.81	2.73	2.71	2.65	2.60	2.57	2.65	2.68	2.68	2.68	2.60
50S	2.63	2.63	2.60	2.57	2.50	2.43	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.37
54S	1.94	1.94	1.96	1.95	1.94	1.93	1.93	1.93	1.96	1.96	1.99	2.04	2.07	2.12	2.17	2.20	2.23	2.29
58S	1.91																	2.25
62S																		2.25
66S																		2.25
70S																		2.25
74S																		2.25
78S																		2.25
82S																		2.25
86S																		2.25
90S																		2.25

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N*****																		
86N*****																		
82N*****																		
78N*****	0.32	0.33	0.35	0.39	0.39	0.39	0.49	0.67	0.75	0.82	0.89	0.95	1.01	1.07	1.13	1.19	1.25	0.25
74N*****	0.43	0.46	0.47	0.50	0.50	0.50	0.59	0.67	0.75	0.82	0.89	0.95	1.01	1.07	1.13	1.19	1.25	0.34
70N*****	0.57	0.57	0.60	0.63	0.63	0.63	0.72	0.80	0.87	0.94	1.01	1.07	1.13	1.19	1.25	1.31	1.37	0.49
66N*****	0.73	0.73	0.76	0.78	0.78	0.78	0.87	0.95	1.02	1.09	1.15	1.21	1.27	1.33	1.39	1.45	1.51	0.57
62N*****	0.93	0.93	0.94	0.96	0.97	0.97	1.06	1.14	1.21	1.28	1.34	1.40	1.46	1.52	1.58	1.64	1.70	0.73
58N*****	1.15	1.13	1.13	1.15	1.15	1.15	1.24	1.32	1.39	1.46	1.52	1.58	1.64	1.70	1.76	1.82	1.88	0.93
54N*****	1.43	1.35	1.35	1.35	1.35	1.35	1.44	1.52	1.59	1.66	1.72	1.78	1.84	1.90	1.96	2.02	2.08	1.19
50N*****	1.80	1.67	1.67	1.67	1.67	1.67	1.76	1.84	1.91	1.98	2.04	2.10	2.16	2.22	2.28	2.34	2.40	1.37
46N*****	2.23	2.07	2.07	2.20	2.20	2.20	2.29	2.37	2.44	2.51	2.57	2.63	2.69	2.75	2.81	2.87	2.93	1.80
42N*****	2.73	2.47	2.43	2.57	2.67	2.69	2.78	2.86	2.93	3.00	3.06	3.12	3.18	3.24	3.30	3.36	3.42	2.20
38N*****	3.27	3.03	2.92	3.01	3.11	3.12	3.21	3.29	3.36	3.43	3.49	3.55	3.61	3.67	3.73	3.79	3.85	2.60
34N*****	3.75	3.65	3.47	3.49	3.50	3.48	3.57	3.65	3.72	3.79	3.85	3.91	3.97	4.03	4.09	4.15	4.21	3.00
30N*****	4.10	4.00	3.77	3.73	3.77	3.80	3.87	3.90	3.90	3.93	3.97	4.00	4.07	4.13	4.23	4.33	4.57	3.40
26N*****	4.23	4.08	4.01	4.05	4.17	4.23	4.29	4.33	4.33	4.36	4.39	4.40	4.47	4.53	4.63	4.71	4.81	4.59
22N*****	4.19	4.14	4.21	4.39	4.53	4.57	4.62	4.63	4.61	4.63	4.64	4.64	4.71	4.69	4.79	4.84	4.87	4.51
18N*****	4.10	4.29	4.54	4.70	4.81	4.77	4.81	4.81	4.79	4.79	4.79	4.79	4.89	4.76	4.81	4.84	4.85	4.50
14N*****	3.88	4.18	4.47	4.70	4.79	4.79	4.86	4.89	4.89	4.89	4.89	4.89	4.89	4.81	4.76	4.77	4.78	4.42
10N*****	3.27	3.40	3.83	4.33	4.70	4.60	4.83	5.00	5.00	5.00	5.00	5.00	4.97	4.83	4.73	4.67	4.61	4.27
6N*****	3.24	3.11	3.38	3.67	3.34	4.00	4.91	5.29	5.19	5.03	5.19	5.13	5.07	4.94	4.79	4.60	4.50	4.10
2N*****	3.35	3.13	3.15	3.24	3.08	3.84	4.91	5.19	5.19	5.23	5.41	5.31	5.20	5.03	4.86	4.53	4.33	3.93
25	3.53	3.31	3.17	3.13	3.19	4.00	4.85	4.71	4.43	5.09	5.49	5.51	5.32	5.17	4.97	4.67	4.33	4.01
65	3.69	3.51	3.37	3.31	3.35	4.13	4.76	3.99	3.32	4.60	5.43	5.67	5.41	5.17	5.05	4.61	4.27	4.00
105	3.80	3.67	3.53	3.60	3.67	4.67	4.73	3.27	3.27	4.33	5.43	5.67	5.43	5.17	5.00	4.40	4.00	3.67
145	3.88	3.77	3.72	3.81	3.87	4.80	4.60	3.72	3.59	4.87	5.35	5.40	5.38	4.93	4.60	4.08	3.69	3.79
185	3.94	3.84	3.83	3.91	3.97	4.91	5.03	4.53	4.47	4.90	4.93	4.93	4.95	4.65	4.34	3.94	3.79	3.73
225	3.93	3.84	3.84	3.91	4.27	5.11	5.45	5.04	4.67	4.50	4.47	4.53	4.55	4.43	4.17	3.89	3.70	3.77
265	3.82	3.75	3.76	3.86	4.27	5.39	5.57	5.03	4.17	4.02	4.17	4.31	4.33	4.30	4.07	3.90	3.85	3.91
305	3.63	3.57	3.60	3.83	4.27	5.63	5.33	4.77	4.20	4.10	4.17	4.30	4.20	4.17	4.10	4.03	4.03	4.07
345	3.34	3.38	3.39	3.83	4.27	5.21	4.80	4.50	4.23	4.15	4.11	4.09	4.07	4.03	3.99	3.95	3.95	3.96
385	3.07	3.13	3.21	3.73	4.17	5.00	4.51	4.23	4.15	4.07	3.98	3.91	3.85	3.80	3.75	3.71	3.69	3.67
425	2.83	2.87	3.03	3.51	4.36	4.59	4.24	4.13	3.94	3.84	3.74	3.63	3.55	3.47	3.39	3.34	3.32	3.31
465	2.63	2.63	2.79	3.15	3.81	3.98	3.89	3.81	3.59	3.48	3.37	3.24	3.13	3.04	2.95	2.90	2.91	2.94
505	2.47	2.50	2.50	2.67	3.43	3.63	3.47	3.33	3.17	3.00	2.87	2.73	2.60	2.53	2.50	2.50	2.53	2.57
545	2.36	2.26	2.15	2.08	2.29	2.86	2.83	2.77	2.63	2.41	2.17	2.12	2.07	2.05	2.02	2.02	2.06	2.06
585	2.29	2.28	2.19	2.09	2.10	2.37	2.35	2.29	2.22	2.11	1.98	1.93	1.89	1.89	1.90	1.90	1.91	1.91
625	2.22	2.22	2.12	2.02	2.02	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
665	2.12	2.12	2.02	1.92	1.92	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12	2.12
705	2.02	2.02	1.92	1.82	1.82	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02	2.02
745	1.92	1.92	1.82	1.72	1.72	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92	1.92
785	1.82	1.82	1.72	1.62	1.62	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82	1.82
825	1.72	1.72	1.62	1.52	1.52	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72	1.72
865	1.62	1.62	1.52	1.42	1.42	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62	1.62
905	1.52	1.52	1.42	1.32	1.32	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52	1.52
945	1.42	1.42	1.32	1.22	1.22	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42
985	1.32	1.32	1.22	1.12	1.12	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32	1.32
1025	1.22	1.22	1.12	1.02	1.02	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22
1065	1.12	1.12	1.02	0.92	0.92	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12	1.12
1105	1.02	1.02	0.92	0.82	0.82	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02	1.02
1145	0.92	0.92	0.82	0.72	0.72	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
1185	0.82	0.82	0.72	0.62	0.62	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82
1225	0.72	0.72	0.62	0.52	0.52	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72	0.72
1265	0.62	0.62	0.52	0.42	0.42	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62	0.62
1305	0.52	0.52	0.42	0.32	0.32	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52	0.52
1345	0.42	0.42	0.32	0.22	0.22	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42	0.42
1385	0.32	0.32	0.22	0.12	0.12	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32
1425	0.22	0.22	0.12	0.02	0.02	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22	0.22
1465	0.12	0.12	0.02	0.00	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12
1505	0.02	0.02	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
1545	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1585																		
1625																		
1665																		



Table 5.8D--Continued

	OE	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N	0.25	0.25	0.25	0.25	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27
86N	0.35	0.37	0.37	0.37	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39	0.39
78N	0.46	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49	0.49
74N	0.57	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
70N	0.75	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79	0.79
66N	0.96	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
62N	1.17	1.17	1.16	1.13	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11	1.11
58N	1.43	1.44	1.41	1.39	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38
54N	1.83	1.87	1.87	1.87	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.83
50N	2.50	2.51	2.51	2.51	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
46N	3.05	3.07	3.01	2.97	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95	2.95
42N	3.59	3.63	3.61	3.55	3.49	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48
38N	4.12	4.22	4.31	4.30	4.23	4.20	4.28	4.41	4.49	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50
34N	4.47	4.83	4.87	4.97	5.00	5.00	5.00	5.00	5.13	5.17	5.27	5.33	5.33	5.33	5.33	5.33	5.33	5.33
30N	4.95	5.13	5.24	5.31	5.40	5.45	5.53	5.61	5.75	5.75	5.69	5.65	5.65	5.65	5.65	5.65	5.65	5.65
26N	5.03	5.35	5.44	5.54	5.63	5.63	5.71	5.77	5.96	6.02	5.90	5.79	5.73	5.58	5.46	5.36	5.27	5.17
22N	4.73	4.88	5.09	5.28	5.49	5.56	5.59	5.62	5.87	5.87	5.77	5.65	5.50	5.35	5.07	4.71	4.32	4.00
18N	4.20	4.20	4.41	4.73	5.13	5.19	5.15	5.19	5.41	5.41	5.67	5.61	5.48	5.34	5.14	4.64	4.12	3.67
14N	3.67	3.00	3.40	3.67	4.17	4.33	4.30	4.33	4.67	5.33	5.40	5.37	5.27	5.10	4.77	4.53	4.30	4.17
10N	3.96	3.00	2.73	3.00	3.23	3.45	3.66	4.12	4.45	4.91	5.08	5.13	5.08	4.94	4.66	4.48	4.29	4.06
6N	4.09	3.60	2.59	2.93	3.60	3.79	3.99	4.50	4.66	4.86	4.92	4.93	4.89	4.80	4.61	4.45	4.25	4.05
2N	4.07	4.04	3.03	3.40	4.20	4.50	4.80	5.33	5.31	5.30	5.17	5.09	4.92	4.75	4.58	4.49	4.32	4.12
6S	3.93	4.07	3.76	4.11	4.69	5.20	5.80	5.53	5.31	5.30	5.17	5.09	4.92	4.75	4.58	4.49	4.32	4.12
10S	3.80	3.93	4.13	4.53	5.47	6.00	6.33	5.90	5.60	5.70	5.33	5.20	5.00	4.83	4.63	4.57	4.53	4.53
14S	3.72	3.91	4.19	5.17	5.63	6.16	6.12	5.79	5.84	6.07	5.79	5.39	5.16	4.94	4.79	4.70	4.69	4.69
18S	3.78	3.92	4.34	5.34	5.93	6.24	5.89	5.47	5.86	6.15	5.86	5.49	5.24	5.05	4.89	4.77	4.77	4.77
22S	3.89	4.01	4.49	5.49	6.19	6.20	5.46	5.08	5.71	6.08	5.73	5.43	5.19	4.99	4.85	4.75	4.75	4.75
26S	4.00	4.15	4.55	5.67	6.28	6.08	5.46	4.71	5.38	5.83	5.41	5.15	4.96	4.75	4.67	4.60	4.60	4.60
30S	4.13	4.23	4.50	5.67	6.07	6.00	5.46	4.71	5.38	5.83	5.41	5.15	4.96	4.75	4.67	4.60	4.60	4.60
34S	3.97	4.02	4.10	4.60	5.45	6.00	6.12	5.79	5.84	6.07	5.79	5.39	5.16	4.94	4.79	4.70	4.69	4.69
38S	3.65	3.69	3.74	3.89	4.33	4.45	4.33	3.99	4.15	4.23	4.16	4.13	4.11	4.06	4.05	4.01	3.99	3.99
42S	3.32	3.34	3.39	3.43	3.45	3.47	3.42	3.41	3.38	3.30	3.23	3.15	3.10	3.07	3.03	3.02	3.01	3.01
46S	3.00	3.01	3.04	3.07	3.04	3.07	3.08	3.05	2.99	2.89	2.83	2.75	2.67	2.53	2.50	2.47	2.47	2.47
50S	2.60	2.63	2.67	2.67	2.67	2.67	2.60	2.57	2.57	2.47	2.43	2.27	2.13	2.00	1.97	1.93	1.93	1.93
54S	2.12	2.07	2.08	2.11	2.08	2.05	2.04	2.01	1.98	1.93	1.90	1.87	1.81	1.76	1.73	1.75	1.75	1.75
58S	1.94	1.93	1.91	1.93	1.91	1.90	1.90	1.89	1.89	1.90	1.91	1.93	1.93	1.96	1.97	2.00	2.04	2.05
62S	2.22	2.25	2.23	2.25	2.26	2.27	2.29	2.30	2.33	2.38	2.40	2.46	2.48	2.56	2.61	2.65	2.71	2.71
66S	2.60	2.63	2.67	2.67	2.67	2.67	2.60	2.57	2.57	2.47	2.43	2.27	2.13	2.00	1.97	1.93	1.93	1.93
70S	2.12	2.07	2.08	2.11	2.08	2.05	2.04	2.01	1.98	1.93	1.90	1.87	1.81	1.76	1.73	1.75	1.75	1.75
74S	1.94	1.93	1.91	1.93	1.91	1.90	1.90	1.89	1.89	1.90	1.91	1.93	1.93	1.96	1.97	2.00	2.04	2.05
78S	2.22	2.25	2.23	2.25	2.26	2.27	2.29	2.30	2.33	2.38	2.40	2.46	2.48	2.56	2.61	2.65	2.71	2.71
82S	2.60	2.63	2.67	2.67	2.67	2.67	2.60	2.57	2.57	2.47	2.43	2.27	2.13	2.00	1.97	1.93	1.93	1.93
86S	2.12	2.07	2.08	2.11	2.08	2.05	2.04	2.01	1.98	1.93	1.90	1.87	1.81	1.76	1.73	1.75	1.75	1.75
90S	1.94	1.93	1.91	1.93	1.91	1.90	1.90	1.89	1.89	1.90	1.91	1.93	1.93	1.96	1.97	2.00	2.04	2.05



	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N																		
86N																		
82N	0.27	0.25	0.25	0.25	0.25	0.25	0.21	0.21	0.21	0.18	0.18							
78N	0.39	0.37	0.38	0.38	0.37	0.37	0.33	0.33	0.32	0.30	0.30	0.28	0.28	0.28	0.28	0.28	0.28	0.28
74N	0.50		0.53	0.53	0.50	0.49	0.47	0.47	0.44	0.44	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43
70N	0.63		0.63	0.63	0.63	0.60	0.60	0.60	0.60	0.60	0.60	0.57	0.57	0.57	0.57	0.57	0.57	0.57
66N	0.79		0.79	0.79	0.82	0.79	0.81	0.81										
62N	0.97	0.97	0.99	1.01	1.01	1.05	1.07	1.07										
58N	1.16		1.18	1.19	1.27	1.35	1.39	1.41	1.41	1.41	1.37							
54N				1.53		1.81	1.80	1.78	1.78	1.78	1.65	1.52	1.39	1.35	1.35	1.30	1.29	1.27
50N							2.33	2.33	2.23	2.13	2.00	1.87	1.73	1.70	1.63	1.57	1.53	1.53
46N								2.88	2.71	2.61	2.45	2.24	1.97	1.91	1.87	1.83	1.80	1.80
42N									3.13	2.93	2.69	2.43	2.21	2.17	2.17	2.16	2.15	2.15
38N									3.33	3.04	2.73	2.57	2.47	2.49	2.55	2.56	2.60	2.60
34N									3.46	3.31	3.05	2.80	2.81	2.90	2.99	3.02	3.11	3.12
30N									3.43	3.23	3.33	3.37	3.40	3.43	3.50	3.50	3.57	3.60
26N									3.51	3.42	3.47	3.50	3.61	3.70	3.79	3.80	3.94	3.97
22N									3.57	3.53	3.60	3.65	3.75	3.89	4.01	4.10	4.13	4.13
18N									3.61	3.65	3.73	3.80	3.87	4.02	4.15	4.22	4.25	4.30
14N									3.71	3.80	3.87	3.93	3.99	4.13	4.25	4.33	4.37	4.43
10N									3.90	3.93	4.00	4.03	4.10	4.23	4.33	4.43	4.50	4.57
6N									4.06	4.12	4.19	4.19	4.23	4.31	4.41	4.54	4.63	4.70
2N									4.30	4.33	4.35	4.33	4.35	4.35	4.51	4.63	4.73	4.81
2S									4.53	4.59	4.53	4.47	4.47	4.49	4.59	4.69	4.81	4.91
6S									4.98	4.99	4.83	4.70	4.60	4.60	4.67	4.77	4.89	4.99
10S									5.60	5.60	5.50	5.23	4.73	4.73	4.80	4.90	4.97	5.07
14S									5.97	5.97	5.85	5.61	5.35	5.16	5.04	5.06	5.13	5.09
18S									6.21	6.23	6.15	5.94	5.76	5.47	5.24	5.16	5.13	5.02
22S									6.22	6.23	6.19	6.18	5.99	5.63	5.35	5.17	5.08	4.91
26S									6.01	5.95	5.92	6.09	6.05	5.61	5.29	5.07	4.95	4.79
30S									5.67	5.47	5.47	6.03	6.00	5.40	5.00	4.83	4.73	4.63
34S									4.68	4.61	4.67	5.34	5.31	4.55	4.47	4.25	4.20	4.23
38S									3.75	3.96	4.09	4.27	4.25	3.89	3.83	3.70	3.75	3.81
42S									3.38	3.40	3.41	3.44	3.43	3.36	3.30	3.33	3.47	3.53
46S									2.82	2.91	2.90	2.95	2.92	2.87	2.89	3.03	3.21	3.27
50S									2.10	2.53	2.23	2.33	2.33	2.33	2.43	2.50	2.57	2.60
54S									1.75	1.84	1.78	1.80	1.80	1.80	1.88	1.89	1.89	1.89
58S									1.99	1.95	1.91	1.91	1.89	1.90	1.88	1.89	1.89	1.89
62S									2.52	2.41	2.33							
66S																		
70S																		
74S																		
78S																		
82S																		
86S																		
90S																		

OCTOBER SURFACE RADIATION BALANCE (100 ly/day)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
86N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
78N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
74N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
70N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
66N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
62N	-0.13	-0.13	-0.12	-0.12	-0.09	-0.31	-0.50	-0.50	-0.31	*****	*****	*****	*****	-0.27	-0.27	-0.27	*****	*****
58N	0.09	0.10	0.12	0.13	0.15	0.15	0.15	0.15	0.05	*****	*****	*****	*****	-0.19	-0.19	-0.19	*****	*****
54N	0.33	0.36	0.36	0.39	0.39	0.39	0.39	0.39	0.19	0.19	0.19	0.09	-0.09	0.09	0.11	0.11	0.11	0.11
50N	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.63	0.67	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71
46N	0.87	0.89	0.89	0.87	0.87	0.87	0.87	0.90	0.93	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
42N	1.17	1.19	1.19	1.17	1.17	1.17	1.17	1.19	1.20	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25
38N	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53	1.53
34N	1.95	1.95	1.95	1.94	1.93	1.93	1.93	1.93	1.92	1.97	2.06	2.23	1.60	1.23	0.53	0.53	0.53	0.53
30N	2.40	2.40	2.37	2.37	2.33	2.33	2.33	2.33	2.27	2.23	2.30	2.47	2.67	1.47	1.50	1.07	1.07	1.07
26N	2.69	2.69	2.69	2.69	2.68	2.68	2.68	2.68	2.59	2.50	2.49	2.60	2.72	2.51	2.54	2.00	2.00	2.00
22N	2.91	2.91	2.91	2.93	2.93	2.93	2.93	2.93	2.88	2.79	2.75	2.77	2.81	2.83	2.80	2.00	2.00	2.00
18N	3.09	3.11	3.11	3.13	3.16	3.13	3.13	3.11	3.11	3.05	3.03	3.00	2.96	2.92	2.85	2.48	2.48	2.48
14N	3.28	3.33	3.33	3.34	3.36	3.33	3.33	3.33	3.32	3.30	3.30	3.25	3.15	3.05	2.94	2.69	2.69	2.69
10N	3.47	3.57	3.60	3.63	3.60	3.60	3.60	3.57	3.53	3.57	3.57	3.47	3.37	3.23	3.23	2.67	2.67	2.67
6N	3.65	3.83	3.92	3.93	3.92	3.92	3.87	3.83	3.80	3.81	3.75	3.68	3.58	3.39	3.15	2.67	2.67	2.67
2N	3.84	4.00	4.12	4.12	4.12	4.10	4.07	4.04	4.03	4.01	3.96	3.87	3.77	3.57	3.34	2.83	2.83	2.83
25	3.96	4.13	4.24	4.24	4.24	4.22	4.22	4.20	4.20	4.19	4.17	4.05	3.92	3.69	3.49	3.04	2.85	2.85
65	3.98	4.19	4.25	4.26	4.26	4.26	4.26	4.26	4.26	4.29	4.29	4.14	3.99	3.73	3.57	3.23	2.71	2.

Table 5.9--Continued

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
86N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
78N	-0.46	-0.46	-0.46	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
74N	*****	-0.37	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
70N	*****	-0.27	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
66N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
62N	-0.11	-0.11	*****	-0.11	-0.11	*****	-0.09	-0.09	*****	*****	*****	*****	*****	*****	*****	-0.43	-0.43	-0.43
58N	-0.11	-0.09	-0.05	-0.08	-0.08	-0.06	-0.06	0.11	0.07	0.04	0.01	0.05	0.08	0.11	0.19	0.24	0.27	0.27
54N	-0.03	-0.01	0.07	0.01	0.07	0.07	0.07	0.42	0.35	0.28	0.21	0.24	0.27	0.33	0.39	0.45	0.45	0.45
50N	0.53	0.50	0.47	0.47	0.47	0.77	0.77	0.77	0.67	0.60	0.53	0.53	0.57	0.63	0.63	0.67	0.73	0.77
46N	0.72	0.69	0.68	0.71	*****	1.06	1.09	1.09	1.01	0.92	0.91	0.91	0.94	0.98	1.01	1.01	1.06	1.14
42N	0.99	0.99	0.99	0.99	*****	1.41	1.43	1.43	1.38	1.34	1.34	1.34	1.35	1.41	1.44	1.49	1.54	1.62
38N	1.31	1.31	1.34	1.51	1.81	1.79	1.79	1.76	1.74	1.74	1.75	1.78	1.79	1.83	1.91	1.93	1.98	2.06
34N	1.79	1.76	1.81	2.19	2.19	2.18	2.18	2.12	2.12	2.12	2.16	2.22	2.26	2.36	2.46	2.47	2.53	2.62
30N	2.67	2.67	2.67	2.67	2.67	2.63	2.63	2.60	2.60	2.60	2.67	2.70	2.77	2.87	2.97	3.00	3.07	3.16
26N	2.88	2.88	2.88	2.93	2.99	3.03	3.06	3.00	3.00	3.00	3.01	3.07	3.14	3.24	3.29	3.39	3.45	3.54
22N	2.37	3.01	3.03	3.12	3.23	3.29	3.33	3.33	3.32	3.32	3.32	3.33	3.35	3.39	3.49	3.59	3.65	3.74
18N	*****	2.77	3.09	3.21	3.33	3.41	3.46	3.51	3.53	3.53	3.52	3.49	3.47	3.46	3.40	3.40	3.45	3.54
14N	*****	2.38	3.00	2.99	3.03	3.09	3.51	3.65	3.65	3.66	3.63	3.59	3.55	3.51	3.40	2.07	2.05	2.14
10N	2.53	2.57	2.73	2.00	1.80	1.73	3.57	3.67	3.73	3.77	3.73	3.70	3.63	3.53	3.40	1.97	1.97	2.06
6N	2.51	2.57	2.65	1.87	1.69	1.95	2.34	2.39	3.81	3.87	3.87	3.86	3.74	3.61	3.45	2.60	2.47	2.56
2N	2.50	2.57	2.63	1.73	1.81	2.02	2.05	2.11	3.91	3.96	4.04	4.00	3.89	3.69	3.49	3.03	2.76	2.85
2S	2.50	2.55	2.25	1.67	1.94	2.05	2.08	2.15	3.26	3.29	3.39	4.17	4.02	3.77	3.51	3.19	2.87	2.96
6S	2.51	2.53	1.85	1.69	2.00	2.07	2.10	2.17	2.21	2.25	2.27	4.33	4.11	3.83	3.53	3.19	2.85	2.94

	0E	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N*****																		
86N*****																		
82N*****																		
78N*****																		
74N*****	-0.64	-0.63	-0.60	-0.60	-0.54	-0.48	-0.48	-0.45	-0.46	-0.47	-0.47	-0.47	-0.47	-0.50	-0.53	-0.56	-0.57	-0.59
70N*****	-0.40	-0.37	-0.33	-0.33	-0.30	-0.27	-0.27	-0.27	-0.30	-0.33	-0.33	-0.33	-0.33	-0.37	-0.40	-0.40	-0.43	-0.43
66N*****	-0.19	-0.18	-0.15	-0.15	-0.06	-0.05	-0.05	-0.05	-0.06	-0.09	-0.12	-0.15	-0.15	-0.26	-0.27	-0.27	-0.30	-0.30
62N*****	0.05	0.05	0.02	0.02	0.06	0.06	0.08	0.08	0.08	0.07	0.03	-0.02	-0.02	-0.11	-0.11	-0.11	-0.13	-0.15
58N*****	0.30	0.30	0.19	0.18	0.18	0.18	0.21	0.21	0.21	0.20	0.18	0.09	0.05	0.05	0.05	0.05	0.05	0.05
54N*****	0.55	0.51	0.38	0.35	0.35	0.35	0.35	0.37	0.37	0.34	0.33	0.22	0.21	0.21	0.21	0.21	0.21	0.21
50N*****	0.77	0.57	0.57	0.57	0.57	0.57	0.53	0.53	0.53	0.50	0.47	0.43	0.40	0.40	0.40	0.37	0.37	0.37
46N*****	0.87	0.83	0.83	0.83	0.83	0.83	0.77	0.77	0.77	0.66	0.66	0.59	0.59	0.59	0.61	0.61	0.61	0.61
42N*****	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99	0.99
38N*****	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.42	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35
34N*****	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43	1.43
30N*****	1.63	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.61	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59
26N*****	1.75	1.73	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.71	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75
22N*****	1.87	1.87	1.83	1.83	1.83	1.83	1.83	1.83	1.83	1.85	1.87	1.87	1.87	1.87	1.87	1.87	1.87	1.87
18N*****	2.03	2.03	2.00	2.00	2.00	2.00	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99	1.99
14N*****	2.30	2.27	2.27	2.27	2.27	2.27	2.20	2.17	2.10	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
10N*****	2.62	2.05	1.97	1.97	2.00	2.11	2.25	2.22	2.15	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
6N*****	2.76	2.40	1.72	1.86	1.99	2.13	2.25	2.25	2.17	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
2N*****	2.75	2.73	2.00	1.83	2.03	2.15	2.25	2.28	2.20	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07	2.07
2S*****	2.61	2.79	2.65	1.81	2.01	2.13	2.26	2.30	4.05	4.07	3.99	3.79	3.61	3.43	3.29	3.17	3.06	2.95
6S*****	2.40	2.63	2.83	1.70	1.93	2.10	2.23	2.30	4.27	4.33	4.33	3.87	3.67	3.53	3.40	3.33	3.30	3.27
10S*****	2.40	2.58	2.91	1.67	1.83	2.05	2.23	2.27	2.59	4.68	4.41	3.95	3.75	3.64	3.51	3.41	3.43	3.45
14S*****	2.46	2.61	3.03	1.79	1.86	2.03	2.23	3.47	3.63	3.11	4.41	3.95	3.79	3.67	3.55	3.47	3.51	2.89
18S*****	2.55	2.71	3.17	1.92	1.98	2.09	2.26	4.16	4.37	2.00	4.23	3.67	3.73	3.61	3.51	3.46	3.48	2.77
22S*****	2.67	2.86	3.26	2.30	2.09	2.20	2.26	3.91	3.91	2.27	3.84	3.67	3.56	3.48	3.39	3.36	3.35	3.34
26S*****	2.80	2.97	3.23	3.50	2.07	2.33	2.33	3.53	3.43	3.37	3.33	3.30	3.27	3.27	3.23	3.20	3.17	3.13
30S*****	2.69	2.73	2.91	3.18	3.08	3.08	3.11	3.06	2.99	4.33	2.96	2.90	2.89	2.92	2.91	2.91	2.90	2.89
34S*****	2.47	2.49	2.57	2.70	2.83	2.81	2.75	2.66	2.65	2.60	2.59	2.52	2.52	2.53	2.53	2.53	2.53	2.53
38S*****	2.20	2.23	2.27	2.30	2.35	2.35	2.29	2.29	2.26	2.24	2.23	2.16	2.13	2.11	2.07	2.07	2.07	2.07
42S*****	1.93	1.96	1.99	2.01	2.04	2.04	1.97	1.97	1.91	1.89	1.85	1.79	1.73	1.67	1.58	1.58	1.57	1.57
46S*****	1.67	1.67	1.67	1.67	1.67	1.67	1.60	1.57	1.53	1.47	1.40	1.33	1.30	1.27	1.23	1.23	1.26	1.26
50S*****	1.35	1.35	1.35	1.32	1.32	1.32	1.28	1.27	1.27	1.23	1.19	1.15	1.11	1.05	1.05	1.02	1.01	1.01
54S*****																		
58S*****																		
62S*****																		
66S*****																		
70S*****																		
74S*****																		
78S*****																		
82S*****																		
86S*****																		
90S*****																		



[illegible]



OCTOBER SURFACE SENSIBLE HEAT FLUX (10 ly/day)

[illegible]

Table 5.10--Continued<sup>a</sup>

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N*****																		
86N*****																		
82N*****																		
78N -3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07	-3.07
74N*****	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47
70N*****	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67	-1.67
66N*****	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47	-2.47
62N 2.33	2.33	3.13	3.13	3.13	2.80	2.47	2.53	2.93	3.20	6.73	7.80	6.47	5.53	4.53	3.67	3.53	5.13	5.47
58N 3.27	3.13	4.33	4.33	0.20	2.87	3.00	5.13	5.53	5.80	7.07	6.87	5.33	4.73	3.33	3.13	3.13	5.20	5.13
54N 1.93	1.53	3.93	3.93	1.27	1.20	0.87	4.53	6.40	6.40	8.60	9.13	8.00	7.73	6.87	6.20	5.60	5.20	5.00
50N 3.00	2.33	2.33	2.33	2.33	2.00	1.67	2.00	2.67	4.00	7.00	8.33	7.00	6.33	5.33	5.00	4.87	4.80	4.73
46N 3.53	3.13	3.13	3.13	3.13	2.80	2.47	2.53	2.93	3.20	6.73	7.80	6.47	5.53	4.53	3.67	3.53	4.00	3.87
42N 4.67	4.33	4.33	4.33	4.13	6.80	6.67	6.47	5.80	5.80	7.07	6.87	5.33	4.73	3.33	3.13	3.13	3.47	3.40
38N 5.87	5.53	5.40	5.87	5.87	8.40	7.73	6.73	5.93	5.93	5.73	5.13	4.13	3.80	3.20	3.00	3.00	2.87	7.80
34N 6.53	6.27	5.87	5.87	7.00	6.27	4.93	3.27	3.27	3.27	3.27	3.27	3.27	3.00	3.00	2.93	2.93	4.80	10.80
30N 6.00	6.00	5.33	4.33	3.33	3.33	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	2.67	2.67	13.33	13.00
26N 3.87	3.87	3.73	3.27	3.07	3.07	3.00	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.73	2.67	13.33	16.00	15.87
22N 3.33	3.13	3.13	3.00	3.00	2.80	2.80	2.80	2.67	2.47	2.47	2.47	2.47	2.47	2.47	2.47	14.80	15.00	14.93
18N*****	3.40	2.87	2.87	2.87	2.87	2.53	2.53	2.53	2.33	2.20	2.20	2.20	2.20	2.20	2.20	9.73	10.40	11.07
14N*****	2.60	2.80	2.80	2.93	3.07	3.07	2.27	2.27	2.27	2.00	2.00	1.93	1.93	1.93	1.93	3.13	4.53	5.80
10N 1.33	2.33	3.33	3.33	3.33	3.00	2.00	2.00	2.00	2.00	2.00	2.00	1.67	1.67	1.67	1.67	2.33	2.67	2.33
6N 1.33	1.27	3.33	2.13	2.13	8.40	11.07	1.73	1.73	1.73	1.73	1.73	1.67	1.67	1.67	1.67	1.80	1.87	1.53
2N 1.13	0.93	0.60	2.73	1.87	10.00	13.33	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.67	1.47	4.33
2S 0.87	0.53	1.53	2.60	2.53	5.20	5.20	9.47	12.27	6.33	7.67	9.00	1.53	1.67	1.67	1.67	1.67	1.33	1.33
6S 0.60	0.27	2.47	3.47	3.80	6.20	6.20	8.53	9.73	12.00	18.73	1.33	1.60	1.60	1.67	1.67	1.60	1.33	1.27
10S 0.33	0.0	-1.00	5.33	5.67	7.00	8.00	6.00	6.67	13.33	13.67	1.33	1.33	1.33	1.67	1.67	1.33	1.33	1.00
14S 0.33	0.0	-0.47	*****	12.33	8.33	8.27	7.07	7.73	13.87	12.33	1.07	1.33	1.33	1.40	1.67	1.33	1.33	1.00
18S 0.33	0.20	0.07	*****	14.60	10.27	9.93	8.13	9.20	13.00	10.80	1.00	1.33	1.33	1.33	1.67	1.33	1.33	1.00
22S 0.47	0.47	0.33	0.13	*****	12.40	11.00	7.60	8.40	7.53	6.27	1.00	1.20	1.33	1.67	1.67	1.33	1.33	1.00
26S 0.67	0.67	0.40	0.40	*****	13.87	10.67	5.93	4.73	0.33	0.67	1.00	1.00	1.33	1.33	1.67	1.40	1.33	1.07
30S 0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.33	0.67	1.00	1.00	1.33	1.33	1.67	1.67	1.33	1.33
34S 0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	0.93	-0.60	0.33	0.67	1.00	1.27	1.60	1.67	1.40	1.33	1.33
38S 1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	-0.27	0.33	0.67	1.00	1.27	1.60	1.67	1.40	1.33	1.33
42S 1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	0.13	0.47	0.80	1.13	1.47	1.53	1.47	1.13	0.93	0.73
46S 1.33	1.33	1.33	1.33	1.73	6.87	-1.80	-1.13	-0.93	0.13	0.73	1.00	1.33	1.67	1.33	1.33	0.87	0.53	-0.07
50S 1.33	1.33	1.33	1.33	3.33	5.00	-1.00	-0.33	0.33	0.67	1.00	1.00	1.33	1.67	1.33	1.33	0.73	0.40	-0.47
54S 1.60	1.60	1.60	1.60	2.00	3.67	-0.20	0.20	0.60	0.93	*****	*****	*****	*****	*****	*****	1.00	0.67	0.33
58S 1.67	1.67	1.67	1.67	1.47	1.93	0.40	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
62S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
66S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
70S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
74S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
78S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
86S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
90S *****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

	0E	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E
90N*****																	
86N*****																	
82N*****																	
78N*****																	
74N*****	5.27	6.33	6.73	6.80	6.80	5.00	7.93	8.53	8.80	8.80	8.60	8.80	-2.20	8.80	8.87	6.87	6.87
70N*****	6.00	6.33	7.00	7.33	7.33	-1.67	7.67	8.00	8.00	8.00	8.00	8.00	-1.67	8.00	-1.67	-1.67	-1.67
66N*****	5.73	6.07	6.20	6.20	6.20	-0.87	6.20	6.20	6.20	6.20	6.20	6.20	-0.87	6.20	-0.87	-0.87	-0.87
62N*****	5.47	5.80	2.20	2.20	2.20	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33	2.33
58N*****	4.93	5.13	1.53	0.53	4.20	3.27	3.40	1.40	1.53	1.73	1.73	1.87	1.87	1.53	1.53	1.53	1.53
54N*****	4.13	3.80	3.87	1.53	3.73	1.87	2.20	2.27	2.53	2.73	2.80	3.07	3.07	2.80	2.80	2.80	2.73
50N*****	3.33	1.67	2.00	2.33	2.67	2.67	3.00	3.33	4.33	4.33	4.67	4.67	4.67	4.67	4.67	4.67	4.33
46N*****	3.07	3.00	2.80	2.87	4.00	4.53	3.27	4.40	3.60	5.67	3.87	6.80	6.80	7.07	7.07	7.07	6.20
42N*****	5.20	3.13	3.00	3.00	5.13	3.80	5.33	6.27	5.07	6.80	3.67	8.93	8.93	9.07	9.07	9.07	8.07
38N*****	8.27	6.20	6.33	2.87	4.47	2.87	5.07	5.47	9.07	9.73	6.20	11.33	10.93	10.93	10.93	10.93	8.40
34N*****	11.27	11.60	11.87	4.93	4.93	4.93	4.93	5.07	13.87	13.53	10.73	12.60	12.60	12.73	12.73	12.73	12.60
30N*****	13.67	14.00	14.00	14.00	14.00	14.00	14.00	14.67	14.67	14.33	13.67	13.67	13.67	14.33	14.00	13.33	13.33
26N*****	16.07	16.13	15.60	15.60	15.87	15.33	15.33	4.80	15.73	15.40	14.47	14.47	4.60	4.73	14.00	9.87	9.87
22N*****	15.07	15.47	15.20	15.20	15.53	15.67	10.33	7.80	16.27	15.67	15.67	15.13	2.33	2.33	7.00	7.20	5.07
18N*****	11.60	12.53	12.80	12.80	13.00	14.87	15.00	14.73	9.13	16.73	16.73	10.20	2.20	2.20	2.20	5.87	5.47
14N*****	6.87	7.93	8.47	8.53	8.53	11.60	11.87	11.67	18.67	18.67	18.07	2.00	2.00	2.00	2.00	4.93	4.93
10N*****	2.33	2.33	2.33	2.67	2.67	3.33	3.33	5.00	16.00	20.00	21.00	2.00	2.00	2.00	2.00	2.00	2.00
6N*****	1.53	1.53	2.33	2.13	1.87	2.80	3.07	7.40	15.20	20.27	5.53	1.73	1.73	1.73	1.73	1.73	1.73
2N*****	1.33	1.33	2.73	2.80	3.27	3.07	5.20	10.60	18.40	9.33	1.87	1.67	1.67	1.67	1.67	1.67	1.67
2S*****	1.33	1.20	2.07	6.67	6.20	6.00	9.73	15.53	13.33	2.13	2.00	1.80	1.80	1.80	1.80	1.80	1.80
6S*****	1.20	0.87	0.53	12.00	9.47	10.53	14.60	19.33	4.87	2.33	2.07	2.07	2.07	2.07	2.00	2.00	1.73
10S*****	0.67	0.33	0.0	13.33	11.33	12.67	15.67	15.33	15.00	2.33	2.33	2.33	2.33	2.33	2.00	2.00	2.00
14S*****	0.67	0.07	-0.80	13.33	13.47	14.53	16.47	15.60	15.00	2.33	10.60	2.33	2.33	2.33	2.27	2.27	2.00
18S*****	0.67	0.0	-0.80	14.53	15.00	16.00	16.07	7.87	7.60	8.93	6.47	2.33	2.33	2.53	2.53	2.53	2.53
22S*****	0.67	0.27	-0.40	15.87	15.80	15.87	14.73	2.67	2.67	13.33	2.47	2.47	2.67	2.67	2.67	2.80	2.80
26S*****	0.80	0.73	0.20	13.53	15.67	14.60	13.13	2.67	2.67	11.20	2.67	2.67	2.67	2.67	2.67	3.00	3.40
30S*****	1.33	1.00	1.00	1.00	14.33	12.33	12.33	2.67	2.67	2.67	2.67	2.67	2.67	2.67	2.67	3.00	3.00
34S*****	0.80	1.53	1.53	2.60	5.53	5.53	5.93	3.20	2.67	2.67	2.93	2.93	2.93	2.93	2.67	2.73	3.40
38S*****	0.27	0.67	1.47	4.80	5.73	5.73	4.93	3.33	2.27	2.67	3.20	3.60	4.00	3.80	3.27	3.07	2.67
42S*****	-0.40	-0.67	0.27	3.20	4.13	4.13	2.93	1.73	0.93	1.33	1.87	2.93	3.87	3.80	3.53	3.73	3.00
46S*****	-0.73	-1.33	-1.07	-0.80	-0.53	-0.60	-0.60	-0.60	-0.60	-0.47	-0.27	1.13	2.40	2.80	3.20	4.00	4.67
50S*****	0.33	0.0	0.0	0.0	0.0	-0.33	-0.33	-0.33	0.33	0.33	0.0	0.33	1.33	2.00	2.67	2.67	3.43
54S*****	0.87	0.80	0.53	0.53	0.53	0.47	0.47	0.47	0.47	0.60	0.53	0.87	1.33	1.73	2.13	2.13	2.47
58S*****																	
62S*****																	
66S*****																	
70S*****																	
74S*****																	
78S*****																	
82S*****																	
86S*****																	
90S*****																	





Table 5.11

	180W	175W	170W	165W	160W	155W	150W	145W	140W	125W	130W	125W	120W	115W	110W	105W	100W	95W
90N*****																		
86N*****																		
82N*****																		
78N*****																		
74N*****																		
70N*****																		
66N*****																		
62N*****	-2.50	-1.57	-2.43	-1.51	-0.59		-0.83		-0.52		-0.52		-0.39		-0.29		-0.23	
58N*****	-2.14	-2.09	-2.03	-1.89	-0.94		-1.13		-0.83		-0.83		-0.39		-0.36		-0.35	
54N*****	-1.63	-1.57	-1.51	-1.39	-1.29	-1.21	-1.18	-1.11	-0.88		-0.88		-0.34		-0.32		-0.35	
50N*****	-0.93	-0.90	-0.87	-0.83	-0.83	-0.83	-0.83	-0.73	-0.40		-0.13		0.17		-0.21		-0.26	
46N*****	-0.69	-0.63	-0.63	-0.65	-0.67	-0.65	-0.57	-0.47	-0.16		-0.16		0.30				-0.25	
42N*****	-0.59	-0.53	-0.53	-0.54	-0.53	-0.53	-0.44	-0.36	0.0		0.25		0.30				-0.20	
38N*****	-0.57	-0.53	-0.51	-0.53	-0.47	-0.41	-0.36	-0.28	0.09		0.45		0.78				-0.11	
34N*****	-0.53	-0.53	-0.50	-0.53	-0.47	-0.40	-0.33	-0.25	0.07		0.49		0.95		0.17		0.00	
30N*****	-0.40	-0.37	-0.37	-0.40	-0.47	-0.50	-0.47	-0.43	-0.17		0.17		0.73		-0.27		-0.13	
26N*****	-0.61	-0.63	-0.71	-0.69	-0.71	-0.69	-0.51	-0.39	-0.19		0.22		0.68		1.08		-0.47	
22N*****	-0.81	-0.82	-0.84	-0.75	-0.57	-0.55	-0.36	-0.29	-0.05		0.41		0.69		0.93		0.97	
18N*****	-0.65	-0.63	-0.60	-0.51	-0.30	-0.29	-0.16	-0.09	0.21		0.57		0.75		0.85		-0.50	
14N*****	-0.17	-0.11	-0.08	-0.04	0.01	0.03	0.07	0.17	0.29		0.51		0.83		0.83		-0.41	
10N*****	0.20	0.37	0.40	0.47	0.43	0.40	0.33	0.30	0.40		0.57		0.83		0.93		0.45	
6N*****	0.65	0.85	0.91	0.95	0.91	0.83	0.68	0.57	0.56		0.77		0.99		1.21		0.47	
2N*****	1.01	1.17	1.27	1.27	1.25	1.17	1.05	0.83	0.76		0.88		1.13		1.31		0.57	
2S*****	1.23	1.39	1.50	1.49	1.48	1.44	1.35	1.17	0.97		1.01		1.17		1.21		0.88	
6S*****	1.31	1.50	1.57	1.61	1.59	1.56	1.52	1.46	1.17		1.09		1.12		1.32		0.95	
10S*****	1.23	1.37	1.47	1.50	1.53	1.56	1.52	1.46	1.17		1.09		1.12		1.07		0.67	
14S*****	1.05	1.21	1.28	1.34	1.37	1.34	1.33	1.27	1.30		0.90		0.67		0.57		0.27	
18S*****	0.96	1.05	1.09	1.14	1.11	1.10	1.08	1.01	0.87		0.82		0.19		0.06		-0.16	
22S*****	0.95	0.93	0.92	0.95	0.90	0.87	0.84	0.76	0.63		0.49		0.17		-0.03		-0.29	
26S*****	0.95	0.86	0.79	0.79	0.75	0.69	0.66	0.57	0.49		0.53		0.27		0.11		-0.34	
30S*****	0.90	0.83	0.73	0.63	0.57	0.53	0.50	0.43	0.33		0.40		0.31		0.25		-0.15	
34S*****	0.69	0.70	0.63	0.55	0.51	0.40	0.34	0.27	0.17		0.30		0.23		0.20		0.03	
38S*****	0.45	0.51	0.46	0.43	0.40	0.33	0.28	0.23	0.17		0.19		0.18		0.18		0.05	
42S*****	0.24	0.32	0.33	0.34	0.32	0.30	0.28	0.23	0.21		0.19		0.21		0.21		0.18	
46S*****	0.07	0.16	0.23	0.27	0.27	0.27	0.22	0.22	0.22		0.22		0.25		0.25		0.24	
50S*****	-0.07	-0.00	0.07	0.13	0.17	0.17	0.17	0.17	0.17		0.17		0.17		0.17		0.29	
54S*****	-0.15	-0.08	-0.04	0.0	0.01	0.01	0.03	0.03	0.06		0.06		0.06		0.03		0.23	
58S*****	-0.21														0.09		0.10	
62S*****																	0.15	
66S*****																	0.11	
70S*****																		
74S*****																		
78S*****																		
82S*****																		
86S*****																		
90S*****																		



	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
86N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
78N	-0.20	-0.20	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
74N	*****	-0.21	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
70N	*****	-0.23	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
66N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
62N	-1.05	-0.97	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
58N	-1.19	-1.17	-1.59	-0.36	-0.78	-1.05	-1.65	-1.82	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
54N	-0.55	-0.48	-1.35	-0.45	-0.44	-0.49	-1.16	-1.74	-2.17	-2.48	-2.59	-2.73	-2.73	-2.71	-2.55	-2.36	-2.08	-1.20
50N	-0.20	-0.13	-0.21	0.23	-0.20	-0.57	-0.60	-0.77	-1.07	-2.77	-3.40	-3.27	-2.80	-2.89	-2.64	-2.26	-1.82	-0.19
46N	-0.31	-0.21	-0.17	-0.23	*****	0.05	-0.44	-0.50	-0.64	-3.49	-3.75	-2.76	-2.16	-2.57	-2.27	-1.70	-1.12	-0.93
42N	-0.33	-0.19	-0.15	-0.17	*****	-1.40	-1.54	-1.33	-1.45	-3.37	-3.31	-2.19	-1.54	-1.11	-1.55	-1.06	-0.59	-0.40
38N	-0.28	-0.18	-0.12	-1.72	-3.77	-2.73	-2.26	-2.03	-2.17	-2.73	-2.42	-1.53	-0.97	-0.48	-0.27	-0.05	-0.21	-0.05
34N	-0.01	-0.03	-0.45	-3.63	-3.39	-2.71	-1.95	-1.92	-2.05	-2.05	-1.40	-0.82	-0.44	0.01	0.29	0.46	0.43	*****
30N	0.73	0.67	-1.87	-1.77	-1.10	-1.00	-0.93	-0.93	-0.93	-0.93	-0.60	-0.23	0.07	0.47	0.80	0.97	-0.10	-0.10
26N	-0.44	-0.45	-0.93	-0.78	-0.54	-0.44	-0.40	-0.37	-0.35	-0.25	-0.09	0.22	0.52	0.87	1.12	0.17	-0.15	-0.15
22N	-0.39	-0.47	-0.42	-0.27	-0.12	-0.02	0.01	0.07	0.12	0.24	0.35	0.57	0.81	1.09	1.24	0.11	0.03	0.03
18N	*****	-0.18	-0.13	0.02	0.16	0.27	0.32	0.39	0.47	0.59	0.67	0.84	1.01	1.22	1.28	0.16	0.19	0.07
14N	*****	*****	0.01	0.20	0.25	0.26	0.55	0.63	0.72	0.81	0.89	1.05	1.18	1.33	1.31	0.01	0.11	-0.04
10N	0.27	*****	-0.10	0.20	0.07	-0.43	0.73	0.87	0.93	1.00	1.10	1.23	1.37	1.43	1.37	-0.37	-0.37	-0.07
6N	0.24	0.33	0.39	0.47	*****	-0.20	*****	-0.04	1.09	1.19	1.29	1.42	1.47	1.49	1.39	0.65	0.49	0.03
2N	0.53	0.61	*****	-0.35	0.01	0.01	-0.15	-0.23	2.33	1.29	1.45	1.51	1.52	1.46	1.36	1.00	0.80	0.80
25	0.66	0.85	*****	-0.25	0.02	-0.07	-0.08	-0.12	1.89	0.81	0.91	1.60	1.49	1.34	1.17	0.93	0.73	0.65
65	0.37	0.90	1.37	-0.17	-0.03	-0.10	-0.13	0.27	0.16	0.11	0.05	1.67	1.40	1.14	0.86	0.61	0.39	0.34
105	0.18	0.71	1.29	*****	*****	-0.05	-0.03	0.32	0.67	0.40	0.37	1.53	1.27	0.90	0.57	0.13	-0.17	-0.03
145	0.63	0.63	1.10	1.35	*****	*****	-0.10	0.17	0.18	-0.11	-0.19	0.85	0.56	0.51	0.11	-0.29	-0.35	-0.35
185	0.25	0.63	1.09	1.35	*****	*****	-0.01	0.20	-0.06	0.28	-0.40	0.37	0.12	-0.15	-0.24	-0.46	-0.44	-0.34
225	0.37	0.68	1.09	1.33	*****	0.25	0.25	0.41	0.16	0.81	0.11	0.05	-0.06	-0.17	-0.37	-0.41	-0.41	-0.17
265	0.40	0.73	1.03	1.33	*****	0.20	0.30	0.47	0.80	0.03	0.13	0.13	0.10	0.07	-0.26	-0.19	-0.22	0.11
305	0.37	0.71	0.98	1.39	*****	0.12	0.17	1.03	1.15	0.65	0.43	0.43	0.34	0.28	0.03	0.10	0.23	0.40
345	0.43	0.64	0.83	1.46	*****	0.24	1.49	1.59	1.31	0.96	0.81	0.64	0.50	0.43	0.30	0.37	0.39	0.40
385	0.43	0.53	0.72	1.27	*****	1.13	2.32	1.80	1.31	1.04	0.87	0.71	0.57	0.53	0.43	0.49	0.59	0.50
425	0.37	0.45	0.68	*****	0.05	2.20	2.06	1.58	1.16	0.94	0.78	0.63	0.53	0.53	0.49	0.56	0.04	0.85
465	0.40	0.50	0.60	*****	0.13	1.67	1.50	0.87	0.70	0.57	0.47	0.37	0.37	0.37	0.40	0.50	0.00	0.00
505	0.29	0.39	0.52	*****	0.56	1.13	0.97	0.83	0.60	*****	*****	*****	*****	*****	*****	*****	*****	*****
545	0.23	0.35	0.46	0.59	0.65	0.80	0.80	0.60	0.40	0.30	0.20	0.10	0.00	0.00	0.00	0.00	0.00	0.00
585	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
625	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
665	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
705	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
745	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
785	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
825	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
865	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10
905	0.40	0.50	0.60	0.70	0.80	0.90	1.00	1.10	1.20	1.30	1.40	1.50	1.60	1.70	1.80	1.90	2.00	2.10

	0E	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N*****																		
86N*****																		
82N*****																		
78N*****																		
74N*****	-2.24	-2.29	-2.34	-2.41	-2.37	-1.94	-1.91	-2.38	-2.42	-2.45	-2.45	-2.45	-0.35	-2.48	-2.10	-2.13	-2.15	-2.16
70N*****	-2.13	-2.27	-2.37	-2.43	-2.40	-0.23	-0.23	-2.30	-2.37	-2.37	-2.37	-2.37	-0.30	-2.40	-0.37	-0.37	-0.40	-0.40
66N*****	-2.11	-2.19	-2.18		-0.59	-0.13	-0.13		-0.61	-0.69	-0.71	-0.69		-0.77	-0.37	-0.34	-0.37	-0.37
62N*****	-2.04	-2.05	-0.97		-0.85	-0.38	-0.36		-0.21	-0.27	-0.28	-0.31		-0.37	-0.37	-0.35	-0.34	-0.39
58N*****	-1.81	-1.79	-0.69	-0.45	-1.24	-0.41	-0.41	-0.22	-0.22	-0.25	-0.25	-0.35		-0.34	-0.34	-0.34	-0.34	-0.36
54N*****	-1.41	-1.25	-1.19	-0.71	-0.91	-0.16	-0.24	-0.21	-0.19	-0.24	-0.25	-0.36		-0.31	-0.31	-0.31	-0.31	
50N*****	-0.90	-0.13	-0.20	-0.20	-0.13	-0.13	-0.27	-0.27	-0.17	-0.27	-0.30	-0.33	-0.33	-0.33	-0.33	-0.37	-0.33	
46N*****	-0.18	-0.11	-0.17		-0.13	-0.13		-0.03	-0.11	-0.24		-0.39		-0.41	-0.39	-0.37	-0.28	
42N*****								0.07				-0.34		-0.39			-0.29	-0.27
38N*****												-0.34	-0.37					
34N*****	-0.16	-0.17							-0.25	-0.26			-0.35					
30N*****	-0.13	-0.17	-0.17	-0.17	-0.20	-0.20	-0.20	-0.20	-0.20	-0.23			-0.27	-0.30	-0.23	-0.20		
26N*****	-0.16	-0.19	-0.14	-0.14	-0.17	-0.12	-0.12		-0.09	-0.07			2.16	2.07	0.17	0.84		
22N*****	0.01	-0.04	-0.01	-0.01	-0.05	-0.06	-0.06			-0.03	0.04		2.59	2.49	1.45	0.42	0.13	0.17
18N*****	0.19	0.19	0.24	0.17	0.17	0.01	0.09			-0.00	0.90		2.33	2.22	2.09	-0.03	0.07	0.68
14N*****	0.00	0.29	0.28	0.00	0.03	0.14	0.30	-0.01	0.03		-0.09	2.14	2.06	1.93	1.78	0.03	0.24	1.30
10N*****	-0.00	-0.00	-0.07	-0.10	-0.07	-0.13	-0.17	-0.13		-0.27	-0.43	1.90	1.77	1.63	1.43	1.23	1.07	0.90
6N*****	0.59	0.05	-0.01	-0.15	-0.12	-0.11	0.10	0.13		-0.29	1.30	1.52	1.34	1.18	0.87	0.67	0.53	0.42
2N*****	0.75	0.43	0.18	0.03	-0.01	0.18		0.06	-0.12	0.80	1.45	1.17	0.93	0.69	0.49	0.31	0.16	0.06
25*****	0.67	0.71	0.46	0.10	0.05	0.27		-0.05	0.52	1.49	1.23	0.94	0.75	0.50	0.39	0.25	0.11	0.05
65*****	0.45	0.73	0.75	0.0	0.03	0.14	0.30	-0.01	0.39	1.49	1.26	0.94	0.80	0.60	0.49	0.39	0.23	0.05
105*****	0.10	0.57	0.97	0.0	0.03	0.17	0.17	0.30	0.53	1.73	1.63	1.10	0.93	0.77	0.60	0.47	0.16	-0.17
145*****	0.02	0.51	1.15	0.0	0.06	0.22	0.25	0.35	0.27	2.05	1.79	1.15	0.91	1.63	0.23	-0.07	-0.17	-0.25
185*****	0.06	0.56	1.28	0.10	0.13	0.17	0.33	1.15	1.26	1.05	1.71	1.09	0.68	0.35	-0.05	-0.34	-0.31	-0.27
225*****	0.22	0.68	1.39	0.17	0.22	0.17	0.34	1.51	1.71	-0.53	1.43	0.93	0.44	-0.01	-0.19	-0.39	-0.37	-0.29
265*****	0.45	0.85	1.45	0.44	0.31	0.27		1.15	1.19	-1.35	1.02	0.71	0.31	-0.00	-0.15	-0.25	-0.32	-0.32
305*****	0.67	1.03	1.40	1.53	0.33	0.40		0.70	0.63	0.60	0.57	0.47	0.37	0.27	0.17	0.07	-0.13	-0.27
345*****	0.88	1.06	1.27	1.00	0.33	0.27		0.17	0.29	0.31	0.33	0.31	0.29	0.35	0.35	0.33	0.29	0.24
385*****	0.99	1.11	1.09	0.05	-0.45	-0.51	-0.47	-0.23	0.08	0.13	0.17	0.13	0.13	0.21	0.28	0.30	0.34	0.33
425*****	0.99	1.11	0.99	0.05	-0.23	-0.39	-0.27	-0.05	0.16	0.21	0.22	0.10	0.03	0.06	0.07	0.06	0.07	0.09
465*****	0.87	0.99	0.89	0.80	0.79	0.53	0.51	0.45	0.39	0.39	0.35	0.17	0.01	-0.04	-0.15	-0.21	-0.27	-0.25
505*****	0.63	0.67	0.60	0.53	0.50	0.50	0.40	0.37	0.33	0.20	0.17	0.07	-0.07	-0.20	-0.23	-0.23	-0.34	-0.23
545*****	0.34	0.35	0.33	0.27	0.23	0.23	0.19	0.15	0.15	0.09	0.06	-0.01	-0.09	-0.20	-0.21	-0.23	-0.27	-0.28
585*****																		
625*****																		
665*****																		
705*****																		
745*****																		
785*****																		
825*****																		
865*****																		
905*****																		

Table 5.11--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N*****																		
86N*****																		
82N*****																		
78N*****																		
74N*****	-0.37	-0.37	-0.37	-0.37	-0.37	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94	-1.94
70N*****	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
66N*****	-0.42	-0.42	-0.42	-0.42	-0.50	-0.50	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47	-0.47
62N*****	-0.41	-0.39	-0.39	-0.42	-0.43	-0.43	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42	-0.42
58N*****	-0.39	-0.37	-0.37	-0.38	-0.38	-0.38	-0.38	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39	-0.39
54N*****	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
50N*****	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
46N*****	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37	-0.37
42N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
38N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
34N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
30N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
26N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
22N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
18N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
14N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
10N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
6N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
2N*****	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25	-0.25
25*****	-0.11	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07	-0.07
65*****	-0.09	-0.14	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04	-0.04
105*****	-0.20	-0.17	0.07	0.50	0.93	1.40	1.70	2.10	2.27	2.33	2.20	1.87	2.37	1.33	1.13	1.10	1.13	1.17
145*****	-0.17	-0.11	0.04	0.34	0.80	1.37	1.75	2.23	2.69	2.65	2.01	0.61	1.65	1.17	1.03	0.97	0.92	0.96
185*****	-0.19	0.04	-0.05	0.20	0.71	1.39	0.91	0.17	0.38	0.33	0.97	0.22	1.51	1.13	0.94	0.91	0.87	0.91
225*****	-0.24	-0.04	-0.17	0.01	0.55	0.88	0.29	0.39	0.42	0.40	0.33	0.23	0.93	1.09	0.93	0.95	0.89	0.89
265*****	-0.30	-0.30	-0.25	-0.16	0.31	0.17	0.26	0.34	0.39	0.40	0.37	0.34	0.05	0.89	0.85	0.92	0.89	0.85
305*****	-0.30	-0.30	-0.20	-0.13	0.10	0.47	0.37	0.37	0.37	0.40	0.40	0.37	0.13	0.33	0.40	0.47	0.47	0.80
345*****	0.23	0.21	0.23	0.29	0.37	0.57	0.61	0.66	0.58	0.40	0.37	-0.03	0.13	-0.07	-0.03	0.20	0.49	0.01
385*****	0.33	0.33	0.33	0.35	0.40	0.41	0.50	0.53	0.49	0.32	0.19	-0.17	-0.23	-0.37	-0.35	-0.09	0.23	0.13
425*****	0.11	0.13	0.18	0.20	0.23	0.29	0.31	0.31	0.29	0.17	0.01	-0.21	-0.40	-0.47	-0.49	-0.26	0.23	-0.08
465*****	-0.20	-0.19	-0.14	-0.15	-0.09	-0.01	0.04	0.05	0.06	-0.02	-0.10	-0.25	-0.32	-0.43	-0.45	-0.29	0.23	-0.02
505*****	-0.33	-0.30	-0.30	-0.33	-0.33	-0.30	-0.33	-0.30	-0.23	-0.23	-0.23	-0.33	-0.40	-0.43	-0.40	-0.27	-0.17	-0.10
545*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
585*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
625*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
665*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
705*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
745*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
785*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
825*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
865*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21
905*****	-0.31	-0.30	-0.30	-0.31	-0.28	-0.27	-0.28	-0.27	-0.26	-0.26	-0.29	-0.31	-0.29	-0.33	-0.35	-0.29	-0.25	-0.21

Table 5.12

OCTOBER 800-mb TEMPERATURE (deg C)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47
86N	-18.52	-18.49	-18.52	-18.52	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.49	-18.49	-18.49	-18.49	-18.49	-18.52	-18.44
82N	-18.11	-18.00	-17.95	-17.91	-17.85	-17.79	-17.77	-17.73	-17.73	-17.71	-17.81	-17.88	-17.96	-18.02	-18.10	-18.14	-18.21	-18.24
78N	-17.41	-17.21	-17.06	-16.91	-16.71	-16.59	-16.50	-16.45	-16.47	-16.61	-16.75	-16.89	-17.08	-17.18	-17.33	-17.39	-17.63	-17.07
74N	-16.47	-16.11	-15.78	-15.45	-15.06	-14.81	-14.65	-14.61	-14.65	-14.86	-15.09	-15.34	-15.63	-15.88	-16.10	-16.24	-16.03	-16.71
70N	-15.27	-14.40	-13.70	-13.10	-12.63	-12.17	-12.03	-12.00	-11.93	-12.03	-12.10	-12.57	-12.97	-13.80	-14.23	-14.67	-15.00	-15.27
66N	-12.68	-12.27	-11.43	-10.65	-10.13	-9.50	-8.81	-8.37	-8.23	-8.33	-8.50	-8.91	-9.23	-10.20	-10.37	-11.12	-11.91	-12.76
62N	-10.07	-9.91	-9.45	-8.89	-8.38	-7.69	-6.90	-6.25	-5.82	-5.70	-5.54	-5.62	-5.82	-6.48	-7.00	-7.91	-8.75	-9.47
58N	-7.98	-7.90	-7.65	-7.51	-6.98	-6.24	-5.49	-4.67	-4.05	-3.63	-3.21	-2.86	-2.74	-2.95	-3.73	-4.78	-5.66	-6.25
54N	-6.30	-6.17	-5.84	-5.94	-5.45	-4.74	-4.01	-3.13	-2.46	-1.80	-1.28	-0.55	0.04	0.27	-0.29	-1.35	-2.43	-3.12
50N	-4.30	-4.07	-3.73	-3.43	-3.27	-2.90	-2.20	-1.53	-0.83	-0.07	0.67	1.67	2.60	3.23	3.47	2.83	1.47	0.67
46N	-1.23	-1.00	-0.75	-0.69	-0.65	-0.53	-0.15	0.33	0.95	1.75	2.67	3.85	5.08	6.11	6.29	5.50	4.29	3.28
42N	1.85	1.97	2.10	2.10	2.00	1.91	2.05	2.36	2.96	3.66	4.75	6.22	8.00	9.47	9.10	8.51	7.28	6.07
38N	4.84	4.79	4.82	4.82	4.67	4.37	4.30	4.45	4.96	5.66	6.77	8.35	10.28	12.73	12.18	11.32	9.42	8.37
34N	7.71	7.53	7.49	7.77	7.26	6.80	6.57	6.57	6.91	7.61	8.59	10.03	11.55	14.72	14.89	13.54	10.42	5.93
30N	10.57	10.33	10.27	10.13	9.63	9.07	8.83	8.73	8.97	9.27	10.00	11.23	12.13	13.73	15.67	14.90	12.73	10.97
26N	11.98	11.67	11.55	11.41	11.13	10.67	10.35	10.07	10.06	10.47	11.15	12.06	12.83	14.45	15.88	16.07	14.07	12.03
22N	13.01	12.70	12.53	12.37	12.16	11.79	11.45	11.16	11.53	12.07	12.83	13.60	14.89	16.07	16.53	15.14	12.58	12.03
18N	13.64	13.43	13.29	13.13	12.93	12.67	12.32	12.11	12.37	12.50	12.94	13.55	14.33	15.23	16.18	16.53	15.79	14.23
14N	13.95	13.91	13.81	13.69	13.62	13.39	13.07	12.95	13.22	13.37	13.73	14.15	14.91	15.30	16.15	16.53	16.03	15.21
10N	14.17	14.23	13.97	13.90	13.83	13.87	13.77	13.70	13.97	14.07	14.27	14.67	15.20	15.63	15.93	16.17	16.03	15.83
6N	14.41	14.58	14.15	14.09	14.02	14.03	14.14	14.07	14.31	14.49	14.69	14.88	15.31	15.61	15.67	15.74	15.63	15.39
2N	15.01	14.93	14.36	14.29	14.19	14.15	14.23	14.37	14.56	14.78	14.90	15.07	15.27	15.34	15.30	15.31	15.27	15.24
2S	15.47	15.27	14.83	14.56	14.37	14.24	14.27	14.58	14.75	14.94	14.99	15.09	15.10	15.01	14.90	14.85	14.76	14.67
6S	15.61	15.52	15.39	14.87	14.57	14.32	14.31	14.65	14.83	14.94	14.93	14.86	14.79	14.66	14.49	14.33	14.24	14.12
10S	15.53	15.47	15.47	15.13	14.70	14.40	14.20	14.43	14.67	14.70	14.53	14.43	14.33	14.23	14.07	13.80	13.60	13.53
14S	14.68	14.67	14.64	14.33	14.09	13.84	13.72	13.69	13.68	13.66	13.57	13.47	13.37	13.19	12.95	12.55	12.35	12.20
18S	12.87	12.95	12.89	12.69	12.53	12.36	12.26	12.22	12.19	12.16	12.05	12.01	11.93	11.75	11.51	11.09	10.81	10.67
22S	10.40	10.53	10.48	10.44	10.44	10.35	10.26	10.34	10.33	10.32	10.25	10.23	10.15	9.99	9.77	9.40	9.15	9.00
26S	7.75	7.85	7.83	7.93	8.09	8.07	8.03	8.19	8.17	8.25	8.27	8.20	8.12	7.99	7.81	7.51	7.30	7.25
30S	5.53	5.53	5.53	5.67	5.67	5.67	5.77	5.77	5.80	6.03	6.03	5.93	5.93	5.93	5.70	5.57	5.47	5.47
34S	4.04	4.04	4.01	3.99	3.96	4.01	3.98	3.98	4.01	4.09	4.03	4.09	4.04	3.99	3.83	3.79	3.70	3.70
38S	2.67	2.59	2.47	2.43	2.39	2.42	2.37	2.35	2.35	2.34	2.27	2.33	2.31	2.29	2.19	2.16	2.15	2.15
42S	1.44	1.19	0.99	0.95	0.85	0.85	0.81	0.79	0.77	0.75	0.70	0.73	0.72	0.71	0.69	0.65	0.65	0.65
46S	0.02	-0.35	-0.54	-0.59	-0.74	-0.74	-0.77	-0.77	-0.77	-0.77	-0.79	-0.77	-0.79	-0.82	-0.77	-0.77	-0.77	-0.85
50S	-2.30	-2.40	-2.43	-2.43	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.37	-2.50
54S	-4.86	-4.83	-4.81	-4.78	-4.74	-4.69	-4.69	-4.63	-4.58	-4.47	-4.47	-4.53	-4.53	-4.53	-4.53	-4.53	-4.53	-4.61
58S	-8.06	-7.85	-7.84	-7.79	-7.75	-7.65	-7.51	-7.46	-7.33	-7.24	-7.18	-7.19	-7.17	-7.11	-7.07	-7.05	-7.07	-7.07
62S	-11.74	-11.51	-11.48	-11.39	-11.30	-11.11	-10.84	-10.67	-10.57	-10.44	-10.30	-10.24	-10.19	-10.07	-9.99	-9.97	-9.97	-9.93
66S	-15.79	-15.59	-15.49	-15.30	-15.10	-14.86	-14.55	-14.38	-14.13	-13.93	-13.69	-13.58	-13.49	-13.32	-13.21	-13.19	-13.15	-13.10
70S	-20.13	-19.67	-19.47	-19.03	-18.70	-18.57	-18.37	-18.03	-17.73	-17.67	-17.27	-17.10	-16.93	-16.73	-16.60	-16.50	-16.43	-16.43
74S	-22.72	-22.12	-21.79	-21.38	-21.07	-20.91	-20.74	-20.62	-20.66	-20.65	-20.60	-21.02	-21.17	-21.61	-21.64	-21.54	-21.34	-20.59
78S	-24.11	-23.65	-23.43	-23.19	-23.07	-22.94	-23.05	-23.05	-23.50	-23.86	-24.17	-24.76	-25.21	-25.41	-25.36	-25.28	-25.17	-24.59
82S	-26.04	-25.76	-25.63	-25.52	-25.52	-25.45	-25.64	-25.69	-26.18	-26.69	-27.04	-27.59	-28.21	-28.36	-28.36	-28.52	-28.49	-28.21
86S	-29.23	-29.07	-28.97	-28.91	-28.89	-28.89	-28.91	-28.97	-29.15	-29.45	-29.55	-29.93	-30.46	-30.83	-30.99	-31.39	-31.37	-30.89
90S	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37









Table 5.12--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47	-18.47
86N	-18.07	-18.20	-18.25	-18.28	-18.33	-18.44	-18.44	-18.49	-18.52	-18.52	-18.60	-18.60	-18.63	-18.63	-18.67	-18.67	-18.47	-18.47
82N	-17.03	-17.41	-17.64	-17.75	-17.90	-18.05	-18.07	-18.18	-18.21	-18.23	-18.33	-18.35	-18.37	-18.35	-18.29	-18.27	-18.23	-18.52
78N	-15.89	-16.44	-16.77	-16.97	-17.17	-17.37	-17.46	-17.58	-17.65	-17.73	-17.83	-17.86	-17.83	-17.73	-17.60	-17.54	-17.52	-17.52
74N	-14.87	-15.41	-15.77	-16.01	-16.29	-16.59	-16.76	-16.87	-16.99	-17.10	-17.21	-17.25	-17.14	-16.93	-16.61	-16.48	-16.47	-16.51
70N	-13.83	-14.23	-14.73	-15.00	-15.57	-16.00	-16.20	-16.37	-16.40	-16.43	-16.57	-16.67	-16.37	-16.10	-15.47	-15.20	-15.17	-15.33
66N	-12.18	-12.85	-13.53	-14.01	-14.71	-15.39	-15.43	-15.78	-15.71	-15.95	-16.25	-16.29	-15.62	-14.58	-13.76	-13.25	-12.98	-12.91
62N	-10.63	-11.12	-11.79	-12.43	-12.94	-13.53	-13.79	-13.93	-13.69	-13.55	-13.47	-13.52	-13.01	-11.96	-11.09	-10.65	-10.37	-10.22
58N	-8.71	-8.75	-8.95	-9.92	-10.55	-10.95	-11.30	-11.44	-11.01	-10.96	-10.32	-10.19	-9.84	-9.12	-8.49	-8.26	-8.09	-7.98
54N	-5.99	-5.46	-5.19	-6.65	-7.83	-8.11	-8.32	-8.63	-8.16	-8.03	-7.77	-7.33	-6.98	-6.58	-6.33	-6.37	-6.26	-6.25
50N	-2.10	-1.03	-1.40	-3.27	-5.00	-5.47	-5.60	-5.57	-5.47	-5.73	-5.63	-5.20	-4.90	-4.50	-4.33	-4.67	-4.37	-4.43
46N	1.55	2.41	2.28	1.13	-0.17	-1.57	-2.48	-2.53	-2.77	-2.88	-2.86	-2.16	-1.81	-1.51	-1.43	-1.44	-1.35	-1.37
42N	5.49	5.47	4.08	3.85	2.61	1.66	0.84	0.17	0.16	0.51	0.77	1.21	2.13	2.03	2.30	2.19	1.96	1.84
38N	5.61	5.72	3.81	5.77	4.47	4.23	3.73	2.96	3.36	3.79	5.04	5.21	6.81	7.03	6.97	6.40	5.71	5.12
34N	3.35	4.23	3.31	7.31	6.20	6.46	6.14	6.01	6.84	7.21	9.31	10.45	11.15	11.59	11.38	10.47	9.40	8.39
30N	5.67	5.53	6.43	8.40	8.33	8.97	8.57	9.27	10.60	11.93	12.53	12.90	13.10	13.10	13.03	12.77	12.37	11.57
26N	11.61	13.05	12.09	11.23	10.92	11.29	11.29	11.75	12.44	13.27	13.57	13.73	13.85	14.03	13.86	13.65	13.35	12.74
22N	14.70	15.01	13.92	13.00	12.99	13.17	13.21	13.41	13.70	14.12	14.27	14.39	14.53	14.61	14.43	14.21	13.94	13.41
18N	15.78	15.11	14.29	13.85	14.04	14.14	14.11	14.23	14.38	14.67	14.83	14.94	15.07	15.02	14.85	14.62	14.34	13.88
14N	15.75	15.17	14.47	14.18	14.25	14.33	14.29	14.47	14.64	15.01	15.27	15.33	15.39	15.33	15.19	14.97	14.67	14.28
10N	15.53	15.20	14.63	14.37	14.43	14.47	14.50	14.60	14.80	15.17	15.40	15.47	15.47	15.43	15.40	15.23	14.93	14.60
6N	14.89	14.77	14.53	14.39	14.43	14.52	14.63	14.68	14.96	15.30	15.37	15.57	15.60	15.59	15.48	15.34	15.17	14.92
2N	14.41	14.41	14.34	14.38	14.47	14.61	14.71	14.76	15.04	15.35	15.45	15.48	15.49	15.49	15.58	15.51	15.43	15.28
25	13.39	13.63	13.85	14.31	14.49	14.64	14.77	14.87	15.07	15.38	15.37	15.08	15.04	15.27	15.50	15.55	15.63	15.59
65	13.02	13.32	13.49	14.08	14.32	14.55	14.83	14.97	15.10	15.35	15.09	14.35	14.37	14.83	15.15	15.40	15.66	15.72
105	12.43	12.47	13.20	13.47	13.73	14.33	14.80	15.00	15.23	15.17	14.77	13.37	13.43	13.87	14.53	15.13	15.37	15.53
145	11.55	11.93	12.32	12.69	13.28	14.23	15.09	15.40	15.31	15.19	14.66	13.39	12.63	12.69	13.15	14.47	14.35	14.63
185	10.35	10.58	10.96	11.38	12.41	13.88	15.13	15.24	15.11	15.04	14.47	13.20	11.89	11.36	11.44	12.12	12.40	12.80
225	8.97	9.02	9.23	9.55	10.61	12.37	13.75	14.05	14.02	13.95	13.42	12.12	10.69	9.89	9.60	9.65	10.04	10.33
265	7.33	7.22	7.12	7.27	7.93	9.48	10.79	11.52	11.63	11.49	11.10	10.03	8.95	8.25	7.71	7.63	7.68	7.73
305	5.20	4.90	4.53	4.60	5.00	5.67	7.03	7.47	7.77	7.57	7.50	7.37	7.00	6.33	5.73	5.60	5.66	5.63
345	2.99	2.82	2.67	2.60	2.71	3.08	3.89	4.24	4.46	4.45	4.51	4.49	4.47	4.17	4.05	4.03	4.03	4.09
385	0.63	0.62	0.54	0.62	0.69	0.89	1.34	1.67	1.93	1.97	2.09	2.05	2.19	2.21	2.29	2.33	2.47	2.86
425	-2.01	-1.94	-1.97	-1.69	-1.48	-1.24	-0.91	-0.59	-0.28	-0.14	0.01	0.14	0.33	0.55	0.69	0.87	1.47	1.83
465	-4.97	-4.87	-4.79	-4.37	-3.97	-3.57	-3.18	-2.85	-2.47	-2.19	-1.97	-1.57	-1.33	-1.03	-0.85	-0.53	0.45	0.41
505	-8.17	-7.97	-7.67	-7.20	-6.67	-6.27	-5.77	-5.33	-4.73	-4.53	-4.10	-3.83	-3.33	-3.00	-2.77	-2.53	-2.47	-2.43
545	-10.97	-10.58	-10.47	-10.00	-9.47	-9.20	-8.57	-8.05	-7.56	-7.15	-6.69	-6.29	-5.92	-5.72	-5.57	-5.33	-5.15	-5.09
585	-13.35	-13.09	-12.97	-12.74	-12.35	-12.15	-11.57	-11.05	-10.57	-10.28	-9.65	-9.32	-9.09	-8.84	-8.63	-8.49	-8.39	-8.26
625	-15.87	-15.77	-15.65	-15.57	-15.40	-15.25	-14.85	-14.59	-14.19	-13.92	-13.31	-12.99	-12.87	-12.55	-12.28	-12.21	-12.12	-11.85
665	-18.91	-18.89	-18.84	-18.76	-18.76	-18.66	-18.59	-18.59	-18.43	-18.12	-17.81	-17.51	-17.47	-17.18	-16.87	-16.68	-16.43	-16.05
705	-22.70	-22.73	-22.73	-22.73	-22.60	-22.63	-22.67	-22.67	-22.80	-23.00	-23.20	-23.27	-23.20	-23.23	-22.77	-22.60	-21.37	-20.77
745	-25.31	-25.35	-25.40	-25.45	-25.48	-25.59	-25.71	-25.79	-25.89	-26.09	-26.29	-26.36	-26.40	-26.41	-25.89	-24.76	-24.11	-23.55
785	-28.41	-28.46	-28.55	-28.61	-28.68	-28.77	-28.79	-28.79	-28.71	-28.65	-28.49	-28.27	-28.04	-27.58	-26.71	-25.71	-25.22	-24.54
825	-31.33	-31.42	-31.49	-31.49	-31.44	-31.40	-31.25	-31.11	-30.88	-30.58	-29.91	-29.59	-29.20	-28.59	-27.84	-27.13	-26.79	-26.45
865	-33.29	-33.39	-33.42	-33.34	-33.35	-32.99	-32.78	-32.57	-32.35	-32.03	-31.18	-31.02	-30.75	-30.46	-30.27	-29.85	-29.66	-29.50
905	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37	-33.37

Table 5.13

OCTOBER 800-mb GEOPOTENTIAL HEIGHT (100 m)

	180W	175W	170W	165W	160W	155W	150W	145W	140W	135W	130W	125W	120W	115W	110W	105W	100W	95W
90N	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69
86N	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69
82N	17.80	17.81	17.81	17.81	17.81	17.81	17.78	17.78	17.78	17.76	17.76	17.73	17.73	17.70	17.69	17.69	17.69	17.69
78N	17.90	17.90	17.88	17.89	17.89	17.89	17.86	17.86	17.86	17.86	17.84	17.81	17.80	17.77	17.73	17.71	17.69	17.69
74N	17.98	17.98	17.94	17.94	17.95	17.96	17.97	17.98	17.98	17.98	17.94	17.92	17.91	17.90	17.82	17.77	17.71	17.69
70N	18.04	18.01	17.97	17.98	17.99	18.05	18.10	18.11	18.15	18.15	18.15	18.09	18.04	18.02	18.01	17.95	17.90	17.84
66N	18.05	17.97	17.94	17.91	17.92	17.94	17.99	18.09	18.17	18.26	18.34	18.36	18.34	18.28	18.24	18.18	18.15	18.09
62N	18.09	17.99	17.95	17.91	17.89	17.88	17.97	18.05	18.19	18.32	18.51	18.65	18.65	18.61	18.56	18.49	18.44	18.39
58N	18.23	18.11	18.02	17.98	17.94	17.92	18.02	18.08	18.24	18.46	18.74	18.92	18.95	18.96	18.90	18.82	18.76	18.70
54N	18.47	18.33	18.20	18.15	18.11	18.14	18.20	18.27	18.43	18.72	19.01	19.18	19.26	19.30	19.25	19.17	19.05	19.02
50N	18.74	18.65	18.60	18.56	18.51	18.57	18.63	18.69	18.86	19.07	19.29	19.45	19.62	19.83	19.84	19.52	19.40	19.33
46N	19.20	19.18	19.14	19.09	19.08	19.09	19.14	19.20	19.33	19.50	19.64	19.73	19.90	19.97	19.93	19.81	19.69	19.62
42N	19.80	19.74	19.66	19.58	19.58	19.58	19.66	19.72	19.86	19.90	19.93	19.95	20.14	20.19	20.13	20.05	19.92	19.88
38N	20.25	20.17	20.11	20.05	20.04	20.04	20.10	20.13	20.25	20.24	20.21	20.13	20.22	20.25	20.23	20.20	20.14	20.14
34N	20.46	20.42	20.41	20.41	20.41	20.40	20.39	20.40	20.45	20.45	20.42	20.26	20.18	20.20	20.26	20.29	20.33	20.36
30N	20.55	20.55	20.55	20.54	20.53	20.52	20.52	20.52	20.52	20.46	20.45	20.32	20.19	20.17	20.31	20.37	20.40	20.42
26N	20.54	20.54	20.53	20.53	20.52	20.51	20.51	20.50	20.50	20.43	20.43	20.30	20.20	20.19	20.27	20.38	20.38	20.40
22N	20.49	20.49	20.48	20.47	20.44	20.43	20.42	20.46	20.43	20.37	20.37	20.27	20.22	20.19	20.20	20.28	20.33	20.34
18N	20.40	20.40	20.40	20.39	20.39	20.35	20.35	20.34	20.38	20.35	20.31	20.24	20.21	20.18	20.16	20.20	20.24	20.27
14N	20.30	20.30	20.30	20.29	20.28	20.28	20.27	20.28	20.28	20.29	20.24	20.21	20.18	20.15	20.16	20.17	20.16	20.19
10N	20.22	20.22	20.22	20.22	20.17	20.17	20.16	20.22	20.22	20.17	20.17	20.18	20.14	20.15	20.16	20.16	20.16	20.15
6N	20.15	20.15	20.14	20.14	20.09	20.09	20.09	20.10	20.11	20.14	20.14	20.14	20.14	20.15	20.15	20.15	20.15	20.15
2N	20.14	20.08	20.06	20.06	20.04	20.04	20.04	20.05	20.05	20.05	20.13	20.14	20.14	20.14	20.20	20.20	20.20	20.20
25	20.19	20.12	20.07	20.07	20.07	20.06	20.06	20.07	20.07	20.11	20.18	20.18	20.18	20.22	20.28	20.28	20.28	20.28
65	20.25	20.25	20.16	20.15	20.15	20.14	20.14	20.15	20.15	20.23	20.26	20.25	20.25	20.33	20.35	20.35	20.35	20.35
105	20.25	20.25	20.25	20.24	20.23	20.23	20.22	20.23	20.23	20.23	20.33	20.33	20.33	20.33	20.42	20.42	20.42	20.41
145	20.31	20.31	20.31	20.31	20.30	20.22	20.29	20.29	20.29	20.29	20.39	20.39	20.39	20.39	20.40	20.40	20.47	20.45
185	20.30	20.30	20.30	20.30	20.29	20.19	20.19	20.29	20.29	20.35	20.39	20.38	20.38	20.38	20.38	20.43	20.43	20.45
225	20.21	20.22	20.21	20.21	20.21	20.15	20.21	20.21	20.25	20.31	20.31	20.31	20.31	20.35	20.35	20.44	20.44	20.45
265	20.10	20.11	20.11	20.11	20.09	20.09	20.12	20.20	20.20	20.20	20.20	20.20	20.30	20.30	20.29	20.34	20.34	20.34
305	20.07	20.07	20.07	20.07	19.97	19.97	20.07	20.07	20.08	20.08	20.08	20.08	20.18	20.18	20.18	20.28	20.27	20.27
345	19.88	19.88	19.88	19.86	19.86	19.86	19.88	19.88	19.88	19.89	19.88	19.81	19.91	19.91	19.98	20.08	20.16	20.16
385	19.70	19.70	19.70	19.69	19.69	19.63	19.63	19.63	19.63	19.63	19.63	19.59	19.63	19.63	19.67	19.83	19.87	19.87
425	19.48	19.47	19.47	19.43	19.37	19.33	19.33	19.33	19.33	19.33	19.29	19.29	19.29	19.33	19.33	19.44	19.48	19.49
465	19.15	19.16	19.12	19.02	19.02	18.94	18.94	18.94	18.94	18.94	18.86	18.86	18.86	18.94	18.94	18.94	19.04	19.14
505	18.63	18.73	18.53	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.43	18.53	18.63
545	17.94	18.05	17.93	17.91	17.91	17.91	17.91	17.91	17.91	17.83	17.83	17.83	17.83	17.83	17.83	17.83	17.93	18.03
585	17.25	17.29	17.25	17.25	17.25	17.25	17.26	17.26	17.26	17.22	17.22	17.16	17.16	17.17	17.17	17.17	17.27	17.37
625	16.54	16.55	16.55	16.55	16.55	16.55	16.56	16.56	16.56	16.57	16.53	16.47	16.47	16.47	16.47	16.47	16.54	16.54
665	15.87	15.85	15.86	15.86	15.86	15.85	15.85	15.86	15.86	15.86	15.79	15.79	15.79	15.81	15.82	15.82	15.82	15.82
705	15.31	15.22	15.23	15.23	15.24	15.14	15.15	15.15	15.15	15.15	15.16	15.16	15.17	15.27	15.27	15.27	15.27	15.27
745	14.95	14.94	14.86	14.87	14.88	14.86	14.86	14.86	14.86	14.86	14.86	14.93	15.00	15.09	15.17	15.27	15.27	15.27
785	14.90	14.85	14.81	14.82	14.82	14.82	14.81	14.86	14.86	14.91	14.90	14.99	15.08	15.17	15.21	15.25	15.25	15.25
825	15.06	15.01	15.01	14.97	14.97	15.01	15.04	15.04	15.09	15.18	15.13	15.17	15.22	15.28	15.31	15.37	15.37	15.37
865	15.29	15.29	15.29	15.21	15.21	15.29	15.29	15.37	15.37	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44
905	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.59	17.69	17.69	17.69	17.69	17.69	17.69	17.69
86N	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.70	17.70	17.70	17.70	17.70	17.70
82N	17.63	17.63	17.63	17.67	17.67	17.67	17.68	17.71	17.71	17.71	17.74	17.75	17.75	17.75	17.75	17.75	17.76	17.76
78N	17.60	17.58	17.59	17.62	17.65	17.66	17.68	17.72	17.74	17.76	17.81	17.82	17.82	17.82	17.81	17.82	17.83	17.84
74N	17.66	17.61	17.62	17.66	17.67	17.67	17.72	17.73	17.77	17.82	17.87	17.88	17.89	17.89	17.87	17.87	17.89	17.91
70N	17.84	17.79	17.80	17.75	17.76	17.72	17.74	17.76	17.77	17.83	17.88	17.93	17.94	17.95	17.97	17.93	17.95	18.01
66N	18.04	17.99	17.99	17.90	17.86	17.82	17.80	17.82	17.84	17.84	17.84	17.78	17.79	17.89	18.03	18.06	18.15	18.25
62N	18.29	18.23	18.20	18.12	18.04	17.96	17.90	17.89	17.87	17.88	17.87	17.78	17.88	17.99	18.18	18.30	18.46	18.60
58N	18.59	18.53	18.47	18.41	18.30	18.20	18.13	18.09	18.07	18.10	18.10	18.07	18.23	18.34	18.53	18.67	18.86	19.08
54N	18.92	18.87	18.81	18.75	18.64	18.55	18.50	18.47	18.46	18.52	18.54	18.63	18.77	18.87	19.01	19.12	19.26	19.34
50N	19.27	19.25	19.17	19.16	19.01	18.96	18.91	18.92	18.93	19.01	19.07	19.23	19.29	19.35	19.41	19.51	19.61	19.69
46N	19.59	19.54	19.55	19.54	19.47	19.44	19.43	19.48	19.49	19.55	19.61	19.68	19.73	19.79	19.80	19.86	19.89	19.88
42N	19.89	19.88	19.95	19.95	19.94	19.93	19.93	19.96	20.00	20.02	20.04	20.06	20.10	20.10	20.10	20.13	20.13	20.10
38N	20.14	20.16	20.22	20.21	20.22	20.25	20.29	20.31	20.38	20.38	20.38	20.38	20.35	20.40	20.29	20.28	20.26	20.23
34N	20.34	20.33	20.32	20.29	20.36	20.44	20.47	20.55	20.60	20.60	20.60	20.57	20.52	20.50	20.46	20.48	20.50	20.54
30N	20.41	20.41	20.37	20.33	20.43	20.53	20.68	20.73	20.78	20.78	20.77	20.77	20.67	20.57	20.46	20.36	20.37	20.40
26N	20.43	20.44	20.40	20.35	20.49	20.59	20.70	20.75	20.76	20.76	20.76	20.75	20.65	20.59	20.50	20.45	20.43	20.49
22N	20.40	20.40	20.35	20.37	20.49	20.56	20.65	20.67	20.71	20.71	20.71	20.68	20.61	20.56	20.50	20.50	20.50	20.57
18N	20.32	20.32	20.29	20.36	20.44	20.47	20.55	20.57	20.60	20.60	20.60	20.57	20.52	20.50	20.46	20.48	20.50	20.54
14N	20.22	20.22	20.22	20.23	20.38	20.48	20.53	20.56	20.60	20.60	20.60	20.57	20.47	20.43	20.40	20.41	20.41	20.42
10N	20.15	20.15	20.14	20.32	20.33	20.33	20.33	20.34	20.34	20.35	20.35	20.35	20.35	20.35	20.36	20.30	20.31	20.31
6N	20.15	20.15	20.14	20.31	20.31	20.27	20.27	20.27	20.29	20.29	20.34	20.35	20.35	20.34	20.34	20.28	20.28	20.24
2N	20.20	20.20	20.19	20.25	20.25	20.24	20.24	20.24	20.25	20.25	20.34	20.33	20.33	20.32	20.32	20.23	20.23	20.21
2S	20.19	20.23	20.22	20.22	20.19	20.23	20.23	20.23	20.26	20.27	20.32	20.36	20.31	20.31	20.31	20.25	20.25	20.25
6S	20.15	20.22	20.22	20.22	20.16	20.13	20.22	20.24	20.26	20.35	20.33	20.42	20.33	20.33	20.32	20.32	20.32	20.31
10S	20.31	20.21	20.22	20.23	20.25	20.05	20.15	20.25	20.35	20.43	20.40	20.48	20.48	20.48	20.38	20.39	20.40	20.31
14S	20.37	20.27	20.29	20.23	20.16	20.05	20.15	20.25	20.34	20.42	20.47	20.55	20.55	20.55	20.45	20.46	20.38	20.35
18S	20.48	20.33	20.29	20.28	20.12	20.10	20.14	20.24	20.33	20.40	20.47	20.56	20.56	20.56	20.52	20.52	20.43	20.38
22S	20.54	20.39	20.31	20.30	20.22	20.13	20.13	20.22	20.30	20.38	20.42	20.50	20.50	20.50	20.50	20.50	20.45	20.36
26S	20.49	20.40	20.34	20.27	20.19	20.12	20.19	20.25	20.33	20.41	20.31	20.38	20.37	20.39	20.39	20.40	20.40	20.31
30S	20.38	20.29	20.31	20.23	20.15	20.15	20.15	20.14	20.12	20.21	20.19	20.19	20.18	20.28	20.28	20.28	20.28	20.19
34S	20.27	20.25	20.27	20.19	20.10	20.02	20.01	19.93	19.91	19.92	19.91	19.91	19.90	20.00	20.00	20.00	20.00	19.98
38S	20.04	20.10	20.10	20.06	19.92	19.82	19.76	19.65	19.64	19.63	19.56	19.56	19.62	19.65	19.65	19.65	19.65	19.65
42S	19.69	19.78	19.82	19.81	19.63	19.54	19.44	19.33	19.32	19.27	19.20	19.19	19.25	19.24	19.24	19.24	19.24	19.25
46S	19.22	19.31	19.41	19.40	19.26	19.16	19.05	18.96	18.94	18.83	18.80	18.77	18.76	18.76	18.75	18.75	18.75	18.65
50S	18.63	18.72	18.81	18.81	18.82	18.72	18.61	18.61	18.50	18.39	18.28	18.17	18.16	18.15	18.15	18.14	18.14	18.14
54S	17.95	18.05	18.06	18.14	18.14	18.12	18.09	18.01	17.90	17.79	17.68	17.50	17.49	17.40	17.39	17.38	17.38	17.29
58S	17.27	17.31	17.30	17.34	17.40	17.34	17.34	17.23	17.18	17.07	16.97	16.82	16.81	16.70	16.69	16.62	16.62	16.57
62S	16.58	16.58	16.58	16.62	16.68	16.62	16.61	16.55	16.50	16.43	16.33	16.22	16.21	16.10	16.10	16.03	16.02	15.97
66S	15.90	15.92	15.92	16.00	16.02	16.04	16.04	16.04	15.96	15.93	15.85	15.74	15.76	15.67	15.66	15.67	15.68	15.58
70S	15.28	15.38	15.38	15.48	15.48	15.59	15.59	15.59	15.52	15.49	15.49	15.38	15.48	15.47	15.46	15.55	15.64	15.53
74S	15.27	15.39	15.29	15.30	15.33	15.28	15.30	15.31	15.32	15.30	15.30	15.35	15.44	15.51	15.50	15.58	15.64	15.55
78S	15.33	15.33	15.34	15.36	15.38	15.36	15.38	15.39	15.39	15.39	15.39	15.42	15.45	15.54	15.52	15.54	15.59	15.50
82S	15.38	15.39	15.41	15.42	15.44	15.46	15.47	15.48	15.48	15.48	15.48	15.51	15.50	15.55	15.54	15.53	15.59	15.58
86S	15.41	15.42	15.43	15.45	15.44	15.45	15.45	15.46	15.46	15.46	15.46	15.54	15.54	15.53	15.53	15.53	15.53	15.58
90S	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44



	0E	5E	10E	15E	20E	25E	30E	35E	40E	45E	50E	55E	60E	65E	70E	75E	80E	85E
90N	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69
86N	17.66	17.70	17.70	17.70	17.71	17.71	17.71	17.71	17.71	17.71	17.71	17.71	17.70	17.70	17.70	17.70	17.69	17.69
82N	17.72	17.74	17.74	17.75	17.75	17.75	17.75	17.75	17.72	17.72	17.71	17.71	17.71	17.70	17.70	17.70	17.69	17.69
78N	17.81	17.82	17.82	17.83	17.83	17.83	17.83	17.83	17.79	17.79	17.79	17.76	17.73	17.72	17.72	17.71	17.70	17.69
74N	17.94	17.95	17.99	17.99	18.00	18.00	18.00	17.99	17.98	17.95	17.89	17.87	17.80	17.78	17.77	17.75	17.75	17.75
70N	18.13	18.17	18.32	18.32	18.36	18.36	18.35	18.35	18.29	18.18	18.12	18.06	17.95	17.88	17.87	17.86	17.90	17.93
66N	18.35	18.45	18.64	18.72	18.72	18.72	18.70	18.69	18.62	18.47	18.29	18.23	18.15	18.17	18.16	18.15	18.20	18.20
62N	18.70	18.83	19.01	19.08	19.10	19.10	19.05	19.03	18.90	18.77	18.59	18.53	18.43	18.47	18.49	18.49	18.53	18.56
58N	19.07	19.18	19.31	19.38	19.43	19.42	19.36	19.34	19.19	19.10	18.98	18.90	18.83	18.82	18.84	18.86	18.91	18.98
54N	19.40	19.45	19.54	19.63	19.67	19.67	19.62	19.60	19.50	19.45	19.40	19.31	19.29	19.24	19.23	19.26	19.31	19.37
50N	19.71	19.71	19.76	19.81	19.86	19.90	19.89	19.82	19.77	19.76	19.75	19.75	19.73	19.72	19.72	19.72	19.82	19.82
46N	19.90	19.90	19.91	19.92	20.04	20.08	20.09	20.00	19.99	20.02	20.00	20.00	20.03	20.11	20.19	20.20	20.20	20.18
42N	20.06	20.03	20.03	20.06	20.14	20.19	20.20	20.16	20.17	20.19	20.21	20.20	20.27	20.32	20.31	20.29	20.32	20.35
38N	20.20	20.15	20.15	20.20	20.24	20.29	20.31	20.32	20.32	20.30	20.31	20.33	20.35	20.28	20.16	20.23	20.24	20.30
34N	20.32	20.27	20.32	20.32	20.36	20.40	20.42	20.44	20.42	20.37	20.36	20.37	20.26	20.08	19.94	20.16	20.14	20.15
30N	20.42	20.42	20.41	20.45	20.49	20.49	20.45	20.47	20.51	20.47	20.46	20.35	20.15	19.97	19.97	20.16	20.17	20.14
26N	20.55	20.56	20.59	20.59	20.55	20.46	20.41	20.42	20.48	20.51	20.47	20.33	20.17	20.10	20.14	20.25	20.17	20.07
22N	20.64	20.68	20.64	20.57	20.50	20.42	20.37	20.37	20.41	20.48	20.43	20.31	20.25	20.19	20.21	20.22	20.07	20.06
18N	20.61	20.63	20.55	20.47	20.41	20.37	20.33	20.32	20.35	20.40	20.37	20.29	20.25	20.23	20.15	20.22	20.07	20.06
14N	20.47	20.43	20.39	20.35	20.31	20.31	20.31	20.30	20.32	20.32	20.33	20.28	20.27	20.22	20.13	20.12	20.07	20.06
10N	20.31	20.32	20.28	20.29	20.29	20.30	20.30	20.34	20.31	20.32	20.32	20.26	20.25	20.20	20.15	20.10	20.05	20.05
6N	20.24	20.24	20.24	20.25	20.26	20.36	20.36	20.37	20.34	20.34	20.30	20.28	20.23	20.21	20.12	20.08	20.03	20.08
2N	20.21	20.22	20.23	20.30	20.32	20.36	20.37	20.42	20.40	20.33	20.31	20.22	20.22	20.22	20.10	20.08	20.11	20.11
2S	20.21	20.22	20.23	20.34	20.36	20.36	20.36	20.45	20.42	20.35	20.31	20.31	20.24	20.20	20.14	20.14	20.14	20.13
6S	20.22	20.22	20.23	20.32	20.34	20.36	20.35	20.44	20.41	20.41	20.32	20.32	20.32	20.23	20.21	20.21	20.14	20.13
10S	20.22	20.23	20.24	20.24	20.26	20.37	20.36	20.43	20.41	20.41	20.39	20.39	20.39	20.38	20.28	20.28	20.28	20.28
14S	20.30	20.23	20.25	20.27	20.29	20.39	20.36	20.43	20.41	20.41	20.46	20.46	20.45	20.45	20.43	20.34	20.35	20.35
18S	20.30	20.28	20.25	20.30	20.37	20.39	20.40	20.41	20.47	20.45	20.53	20.52	20.52	20.51	20.51	20.41	20.41	20.41
22S	20.31	20.33	20.26	20.28	20.40	20.42	20.42	20.40	20.45	20.51	20.51	20.50	20.50	20.50	20.49	20.43	20.43	20.39
26S	20.32	20.35	20.28	20.24	20.33	20.42	20.38	20.37	20.35	20.43	20.41	20.40	20.39	20.39	20.39	20.38	20.36	20.28
30S	20.20	20.31	20.22	20.24	20.17	20.28	20.28	20.35	20.23	20.32	20.30	20.29	20.29	20.28	20.28	20.27	20.17	20.16
34S	19.98	20.01	20.00	20.02	20.02	20.05	20.05	20.06	20.03	20.04	20.02	19.93	19.93	19.92	19.92	19.91	19.89	19.89
38S	19.65	19.66	19.67	19.68	19.69	19.70	19.70	19.69	19.63	19.62	19.61	19.56	19.56	19.55	19.55	19.54	19.54	19.44
42S	19.24	19.24	19.25	19.25	19.26	19.27	19.27	19.27	19.16	19.15	19.15	19.14	19.14	19.14	19.10	19.09	19.09	18.99
46S	18.75	18.75	18.75	18.75	18.74	18.74	18.74	18.74	18.66	18.65	18.62	18.62	18.62	18.60	18.50	18.49	18.50	18.50
50S	18.13	18.13	18.13	18.13	18.03	18.03	18.03	18.03	18.03	18.02	17.92	17.92	17.92	17.82	17.72	17.71	17.72	17.62
54S	17.29	17.28	17.20	17.18	17.10	17.09	17.01	17.01	16.93	16.91	16.91	16.91	16.91	16.81	16.79	16.71	16.79	16.69
58S	16.57	16.50	16.50	16.46	16.40	16.35	16.31	16.31	16.27	16.21	16.21	16.27	16.23	16.23	16.17	16.07	16.05	16.01
62S	15.97	15.91	15.90	15.86	15.80	15.76	15.76	15.79	15.83	15.87	15.80	15.86	15.86	15.76	15.70	15.60	15.60	15.60
66S	15.59	15.55	15.55	15.46	15.44	15.36	15.38	15.45	15.55	15.64	15.65	15.65	15.65	15.65	15.57	15.47	15.47	15.47
70S	15.63	15.42	15.41	15.31	15.31	15.31	15.41	15.40	15.48	15.57	15.66	15.66	15.66	15.66	15.67	15.67	15.67	15.66
74S	15.56	15.51	15.51	15.48	15.48	15.48	15.58	15.57	15.59	15.68	15.70	15.78	15.78	15.78	15.78	15.78	15.75	15.75
78S	15.58	15.57	15.56	15.61	15.61	15.61	15.64	15.64	15.63	15.67	15.67	15.70	15.76	15.76	15.76	15.76	15.75	15.75
82S	15.58	15.57	15.56	15.66	15.65	15.65	15.64	15.63	15.63	15.62	15.62	15.61	15.67	15.67	15.66	15.66	15.62	15.62
86S	15.52	15.52	15.51	15.59	15.58	15.58	15.57	15.57	15.56	15.56	15.56	15.55	15.55	15.54	15.54	15.53	15.53	15.53
90S	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44



Table 5.13--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69	17.69
86N	17.69	17.69	17.69	17.69	17.69	17.69	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73	17.73
82N	17.68	17.70	17.70	17.70	17.72	17.74	17.74	17.74	17.74	17.74	17.74	17.74	17.77	17.80	17.80	17.80	17.80	17.80
78N	17.70	17.74	17.73	17.73	17.76	17.76	17.79	17.77	17.77	17.77	17.79	17.79	17.84	17.87	17.87	17.91	17.91	17.91
74N	17.79	17.83	17.83	17.84	17.85	17.84	17.92	17.87	17.87	17.86	17.89	17.89	17.93	17.95	18.01	18.06	18.05	18.04
70N	17.97	18.02	18.06	18.15	18.14	18.13	18.13	18.12	18.12	18.07	18.02	18.02	18.03	18.08	18.19	18.25	18.20	18.14
66N	18.28	18.36	18.36	18.41	18.40	18.38	18.34	18.29	18.30	18.24	18.23	18.19	18.16	18.18	18.22	18.28	18.27	18.19
62N	18.65	18.71	18.70	18.74	18.70	18.66	18.60	18.52	18.49	18.39	18.36	18.30	18.31	18.33	18.36	18.33	18.37	18.27
58N	19.05	19.08	19.07	19.06	19.00	18.95	18.87	18.77	18.70	18.58	18.51	18.50	18.45	18.44	18.44	18.41	18.41	18.37
54N	19.45	19.46	19.44	19.36	19.29	19.23	19.12	19.02	18.93	18.84	18.74	18.70	18.64	18.60	18.57	18.56	18.56	18.51
50N	19.84	19.86	19.76	19.67	19.58	19.47	19.37	19.27	19.17	19.12	19.02	18.98	18.88	18.84	18.84	18.79	18.79	18.74
46N	20.14	20.16	20.10	20.03	19.95	19.78	19.67	19.57	19.46	19.45	19.39	19.43	19.42	19.45	19.37	19.36	19.32	19.27
42N	20.33	20.33	20.28	20.26	20.19	20.05	19.97	19.85	19.75	19.73	19.74	19.84	19.90	19.93	19.92	19.91	19.85	19.84
38N	20.29	20.29	20.33	20.38	20.32	20.26	20.22	20.10	20.01	19.97	20.04	20.16	20.25	20.27	20.32	20.31	20.25	20.25
34N	20.10	20.11	20.27	20.40	20.38	20.39	20.38	20.28	20.20	20.15	20.23	20.36	20.43	20.48	20.52	20.50	20.48	20.47
30N	20.02	20.06	20.17	20.42	20.41	20.43	20.42	20.38	20.31	20.23	20.29	20.40	20.50	20.55	20.55	20.55	20.54	20.57
26N	20.01	20.17	20.20	20.31	20.38	20.47	20.43	20.38	20.30	20.25	20.27	20.33	20.44	20.49	20.53	20.52	20.52	20.56
22N	20.03	20.19	20.22	20.27	20.34	20.38	20.33	20.31	20.25	20.24	20.24	20.30	20.34	20.39	20.41	20.43	20.48	20.47
18N	20.05	20.19	20.23	20.23	20.26	20.26	20.23	20.23	20.20	20.21	20.21	20.27	20.30	20.32	20.32	20.34	20.31	20.36
14N	20.05	20.19	20.23	20.16	20.15	20.15	20.16	20.17	20.18	20.19	20.21	20.24	20.24	20.24	20.27	20.28	20.27	20.27
10N	20.05	20.19	20.23	20.13	20.08	20.13	20.13	20.13	20.18	20.19	20.20	20.20	20.20	20.20	20.20	20.24	20.24	20.23
6N	20.08	20.15	20.19	20.13	20.12	20.12	20.13	20.13	20.15	20.16	20.16	20.16	20.16	20.16	20.16	20.17	20.16	20.16
2N	20.05	20.13	20.15	20.13	20.13	20.13	20.13	20.14	20.14	20.15	20.15	20.15	20.15	20.15	20.15	20.15	20.15	20.15
25	20.05	20.11	20.16	20.17	20.13	20.13	20.18	20.18	20.19	20.19	20.19	20.18	20.18	20.19	20.19	20.15	20.15	20.19
65	20.12	20.13	20.21	20.22	20.15	20.23	20.26	20.24	20.24	20.25	20.26	20.25	20.25	20.24	20.24	20.17	20.17	20.25
105	20.19	20.20	20.20	20.21	20.21	20.23	20.34	20.24	20.25	20.25	20.34	20.31	20.31	20.22	20.23	20.24	20.25	20.25
145	20.25	20.26	20.26	20.27	20.21	20.31	20.43	20.41	20.41	20.41	20.42	20.39	20.29	20.27	20.20	20.23	20.23	20.23
185	20.31	20.32	20.32	20.33	20.25	20.26	20.35	20.45	20.45	20.45	20.44	20.41	20.34	20.27	20.23	20.18	20.15	20.20
225	20.33	20.33	20.33	20.34	20.26	20.20	20.29	20.39	20.43	20.43	20.38	20.35	20.32	20.24	20.24	20.14	20.15	20.15
265	20.28	20.27	20.27	20.26	20.17	20.12	20.25	20.26	20.35	20.34	20.26	20.23	20.21	20.20	20.18	20.08	20.08	20.10
305	20.16	20.15	20.15	20.05	19.96	19.97	20.00	20.11	20.11	20.11	20.11	20.11	20.10	20.09	20.07	19.97	19.97	20.07
345	19.80	19.80	19.79	19.77	19.76	19.76	19.78	19.81	19.89	19.89	19.89	19.89	19.89	19.89	19.88	19.86	19.86	19.88
385	19.44	19.38	19.38	19.38	19.38	19.38	19.39	19.46	19.51	19.57	19.57	19.63	19.63	19.63	19.63	19.63	19.70	19.70
425	18.99	18.89	18.89	18.86	18.86	18.87	18.91	19.02	19.07	19.17	19.21	19.28	19.32	19.36	19.37	19.40	19.48	19.48
465	18.40	18.30	18.30	18.23	18.24	18.25	18.35	18.46	18.57	18.68	18.80	18.83	18.93	18.96	19.06	19.16	19.16	19.16
505	17.62	17.53	17.53	17.54	17.55	17.56	17.67	17.78	17.89	17.99	18.20	18.31	18.41	18.52	18.63	18.63	18.63	18.63
545	16.69	16.68	16.68	16.69	16.70	16.78	16.82	16.93	17.12	17.22	17.43	17.54	17.65	17.75	17.85	17.93	17.94	17.94
585	15.95	15.96	15.96	15.96	15.97	16.07	16.08	16.19	16.34	16.44	16.60	16.70	16.81	16.91	17.02	17.12	17.18	17.24
625	15.51	15.47	15.47	15.47	15.47	15.58	15.62	15.69	15.75	15.82	15.95	16.00	16.10	16.16	16.27	16.37	16.43	16.50
665	15.39	15.31	15.31	15.31	15.31	15.39	15.48	15.48	15.48	15.48	15.57	15.58	15.64	15.64	15.71	15.79	15.80	15.79
705	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.56	15.55	15.55	15.55	15.45	15.45	15.36	15.37	15.39	15.30
745	15.75	15.75	15.75	15.75	15.67	15.75	15.64	15.66	15.58	15.58	15.57	15.49	15.47	15.39	15.30	15.24	15.18	15.09
785	15.75	15.75	15.75	15.75	15.70	15.68	15.64	15.58	15.54	15.49	15.45	15.40	15.31	15.29	15.29	15.21	15.03	15.03
825	15.65	15.65	15.64	15.60	15.61	15.55	15.55	15.49	15.46	15.46	15.42	15.43	15.38	15.29	15.30	15.26	15.21	15.15
865	15.52	15.52	15.52	15.44	15.45	15.45	15.45	15.46	15.46	15.39	15.41	15.41	15.42	15.35	15.35	15.36	15.36	15.37
905	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44	15.44



Table 5.14--Continued

	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43
86N	66.01	65.56	65.42	65.43	65.60	65.77	66.10	66.43	67.71	67.89	68.71	69.05	69.23	70.22	71.24	73.11	74.67	75.39
82N	64.78	64.02	64.08	63.66	63.22	62.03	62.22	61.55	61.94	62.15	62.44	62.73	63.83	65.57	67.60	69.23	72.21	73.87
78N	65.01	64.09	63.81	63.28	62.17	60.50	60.31	59.50	59.48	59.96	59.96	60.45	61.43	62.69	63.92	65.06	69.24	71.24
74N	64.75	63.84	62.83	62.71	61.67	60.91	60.41	60.25	60.77	61.40	61.54	62.59	62.60	62.62	62.21	64.06	68.53	69.68
70N	63.60	62.69	61.75	62.21	62.89	63.43	63.12	62.49	63.40	62.99	62.90	64.53	64.42	64.18	64.25	69.34	71.90	71.14
66N	61.74	60.26	59.39	60.66	62.78	62.86	62.60	62.54	61.82	66.34	62.30	63.19	65.13	65.97	66.69	68.77	69.33	68.80
62N	58.43	58.30	58.19	59.88	62.23	62.75	63.70	64.17	63.42	64.76	58.63	63.06	65.07	65.99	6.13	67.17	68.02	66.37
58N	55.51	56.15	57.59	59.95	62.35	62.60	63.59	65.15	65.65	64.32	59.96	63.95	65.04	64.90	65.44	64.41	63.82	63.43
54N	53.80	54.30	57.21	59.81	61.99	61.55	63.55	64.02	66.38	66.06	65.77	65.21	65.04	63.25	62.35	60.95	60.26	59.12
50N	53.43	54.09	56.83	57.41	58.13	58.78	57.94	60.37	64.11	66.40	66.70	65.68	64.32	61.44	59.22	57.65	57.90	52.14
46N	50.55	52.28	56.13	55.11	55.35	52.45	52.05	54.01	57.40	60.42	61.41	61.99	62.35	60.70	57.68	55.02	57.11	54.82
42N	48.24	50.10	53.52	53.32	53.49	52.58	52.13	54.08	57.67	61.33	62.71	62.99	62.46	60.92	57.34	54.50	54.76	56.19
38N	47.61	49.06	51.98	53.02	54.22	55.22	54.53	55.83	59.47	62.86	63.78	63.55	62.33	60.67	56.93	53.66	51.49	52.47
34N	48.47	49.50	52.62	54.63	57.20	58.35	57.57	57.57	60.80	63.10	63.05	62.68	61.56	59.93	55.78	52.94	46.50	43.09
30N	49.53	50.79	55.32	58.27	60.15	61.16	60.57	60.12	62.40	64.01	63.86	63.25	61.47	59.97	55.46	55.37	40.74	32.64
26N	55.62	58.98	61.30	62.00	62.13	62.40	61.57	61.36	63.21	64.97	65.55	64.81	62.66	59.06	53.22	45.39	29.48	24.86
22N	62.90	65.95	66.67	65.54	63.71	62.67	61.79	61.81	63.47	65.37	66.22	65.01	62.44	57.34	49.08	36.52	24.63	21.31
18N	68.01	70.30	70.12	67.66	64.09	62.90	62.07	62.50	64.47	66.45	67.13	65.43	62.46	56.36	47.44	33.96	23.57	22.01
14N	70.32	72.23	71.84	69.24	64.43	63.51	63.20	64.26	67.17	68.04	69.30	67.05	63.62	57.23	46.49	38.57	28.66	28.20
10N	72.97	73.78	73.75	73.58	67.95	64.50	65.99	67.86	72.37	73.59	73.60	70.21	66.17	60.95	56.24	50.73	45.99	40.74
6N	74.16	75.52	75.88	75.11	69.64	68.15	67.49	67.53	69.16	69.72	69.28	67.79	66.13	65.75	66.07	65.30	64.97	64.25
2N	72.91	76.52	78.10	73.37	67.43	65.80	64.25	63.04	61.00	59.42	58.83	59.34	60.56	62.64	65.17	68.02	71.46	75.71
25	63.84	69.11	74.31	71.71	67.34	65.50	63.18	60.87	56.02	52.52	51.35	52.06	53.74	55.31	57.30	60.34	64.55	68.44
65	50.56	55.55	62.67	69.38	69.31	68.44	65.59	60.83	56.07	51.48	49.19	48.48	48.58	48.33	48.87	50.04	52.60	56.92
105	42.17	44.30	46.46	62.20	67.38	69.12	67.73	65.28	59.24	55.08	51.34	48.38	46.73	45.51	45.32	44.85	44.90	48.62
145	38.68	39.08	38.30	39.85	58.05	65.45	66.38	65.52	64.18	61.02	56.62	50.18	47.05	44.50	43.47	42.74	42.62	43.11
185	37.68	36.55	34.22	31.67	37.76	59.88	62.39	65.03	65.98	65.86	61.36	53.25	48.15	44.75	43.03	41.63	41.17	40.30
225	38.06	35.53	32.08	27.76	27.33	53.42	56.75	61.42	64.88	67.86	63.79	55.92	49.74	45.79	43.82	41.93	40.81	39.34
265	39.30	35.73	31.25	25.78	26.08	48.14	51.32	55.59	61.18	65.36	62.66	56.88	51.38	47.45	45.54	43.63	42.05	40.03
305	41.36	37.59	32.13	26.64	29.48	46.78	48.42	50.94	55.11	59.24	58.65	55.46	52.45	49.86	47.65	46.26	44.18	42.68
345	45.23	42.37	37.62	32.97	38.02	47.83	49.68	51.14	53.76	56.21	56.14	54.99	51.24	51.30	50.39	50.17	48.25	47.03
385	49.32	47.75	45.34	44.58	44.08	48.58	50.72	52.00	53.35	55.18	55.82	55.27	54.50	54.05	53.69	53.74	53.00	52.09
425	53.12	52.99	53.22	55.75	48.33	50.03	51.47	52.74	53.48	55.09	56.30	56.33	56.34	57.21	57.18	57.22	57.43	57.07
465	56.37	57.43	59.55	61.87	52.67	52.62	52.39	53.17	54.17	55.60	57.12	57.98	58.67	60.15	60.54	60.93	61.71	61.70
505	59.24	60.62	64.43	68.78	60.20	56.14	54.47	53.84	55.91	57.16	58.75	59.77	61.15	62.73	63.85	65.17	66.70	68.07
545	63.12	64.21	67.20	68.54	68.13	63.53	60.84	60.13	60.52	62.30	63.12	63.42	64.88	66.28	68.49	69.77	71.44	71.66
585	66.89	67.52	69.11	69.65	70.29	68.11	66.45	66.35	65.83	66.61	67.14	67.91	69.05	70.03	71.38	71.61	73.46	74.25
625	71.33	71.40	71.86	71.59	71.62	71.53	71.07	70.94	69.87	70.18	70.23	70.82	70.69	70.75	71.42	70.59	71.23	71.43
665	76.41	75.94	75.69	74.91	74.58	74.78	74.27	73.35	72.33	72.33	71.36	70.84	69.44	68.08	68.41	66.91	65.42	63.87
705	80.83	80.17	78.83	79.06	78.17	77.52	75.79	74.52	73.24	71.36	69.11	68.43	68.15	64.96	63.14	60.99	58.68	54.57
745	82.28	81.56	81.90	82.00	80.32	77.51	73.05	70.85	69.17	68.48	66.28	64.07	63.46	60.53	58.97	56.71	54.49	50.11
785	80.73	79.46	78.67	76.92	72.93	69.13	65.18	63.52	62.09	60.39	59.41	57.50	58.05	55.20	54.15	52.11	49.15	45.28
825	73.03	70.24	68.26	66.40	62.73	59.87	57.37	56.19	55.21	53.17	52.27	50.85	50.96	48.74	47.69	45.74	42.91	40.20
865	55.74	52.80	51.24	50.80	49.56	48.60	47.50	46.66	46.19	45.11	43.81	42.84	41.75	40.69	39.65	38.08	36.59	34.74
905	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76





Table 5.14--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43	72.43
86N	77.44	77.60	77.77	76.86	76.49	77.37	76.83	76.64	76.10	75.56	75.90	75.37	74.83	74.65	74.13	73.96	72.76	72.59
82N	77.40	79.06	79.53	79.60	78.84	79.55	78.85	78.74	78.46	77.77	78.21	77.93	76.98	76.49	75.83	75.34	74.08	73.60
78N	76.63	78.77	79.58	80.38	80.07	80.50	79.97	80.05	80.22	79.98	80.43	80.33	79.54	78.41	77.12	76.19	75.35	74.70
74N	76.90	78.13	79.24	79.52	80.39	81.09	80.73	81.04	81.21	81.66	82.12	82.30	81.75	80.01	77.61	76.43	76.34	76.38
70N	77.43	77.80	79.05	77.89	79.59	81.36	80.63	81.30	80.37	80.83	81.27	83.15	81.30	79.96	76.92	76.32	77.64	80.54
66N	75.50	77.69	79.78	79.48	81.18	82.94	79.11	80.65	79.02	80.53	82.45	84.15	81.23	77.00	74.32	73.63	73.93	75.16
62N	74.02	74.87	76.55	77.46	79.73	79.33	77.66	73.74	72.46	71.07	70.69	72.21	72.03	71.97	68.55	68.69	67.95	67.61
58N	70.91	68.88	67.45	70.27	71.82	73.02	73.15	69.16	66.49	63.63	62.03	62.76	65.09	68.46	65.23	65.25	64.55	63.73
54N	64.98	59.87	56.21	60.44	64.86	66.26	66.46	66.90	62.79	61.02	60.02	59.94	63.73	67.70	64.83	63.92	63.63	63.40
50N	56.17	48.69	48.20	52.24	58.62	60.58	61.04	60.72	60.26	61.34	62.03	62.47	67.03	69.46	64.20	63.10	61.68	62.49
46N	44.80	40.21	40.19	42.62	46.04	50.60	53.65	53.92	55.16	57.38	60.89	57.75	63.36	66.97	61.59	60.51	60.25	60.78
42N	36.12	37.35	42.52	42.81	45.65	47.12	48.45	50.40	51.36	57.42	60.86	55.13	58.60	62.18	60.49	60.13	60.46	60.60
38N	45.42	47.92	55.92	48.84	52.03	49.59	48.40	49.87	49.47	58.48	61.45	55.78	56.65	58.54	58.82	59.76	60.25	60.71
34N	74.55	73.32	78.67	59.91	61.23	55.54	53.18	52.41	50.09	59.48	62.23	59.40	58.55	58.16	57.68	59.06	59.37	59.93
30N	74.65	82.55	89.16	76.70	66.02	58.38	60.00	58.43	54.02	60.90	62.91	64.47	63.92	62.74	60.85	59.24	57.31	57.18
26N	69.53	71.68	80.90	78.42	67.29	62.36	66.23	68.33	66.98	66.40	66.49	67.44	67.71	66.39	65.24	62.04	59.34	58.88
22N	68.84	73.41	77.49	78.11	69.58	66.16	68.73	70.95	70.61	69.05	69.17	69.61	69.82	68.98	68.01	64.76	62.41	60.99
18N	72.22	78.00	75.94	75.57	71.90	69.53	70.74	71.74	71.57	70.87	71.06	71.43	73.65	71.35	70.23	67.64	65.06	63.22
14N	76.49	80.13	75.98	72.49	72.83	71.49	72.54	72.80	73.09	72.46	72.46	73.20	73.64	73.59	72.29	70.63	67.77	65.08
10N	74.29	78.01	75.85	72.12	70.51	70.35	71.00	72.16	73.51	73.24	73.94	74.95	75.12	74.95	73.77	73.41	71.24	65.86
6N	74.06	75.60	75.29	72.79	70.89	70.23	70.25	71.52	72.22	71.94	73.93	74.30	74.60	74.70	74.58	73.96	70.38	63.55
2N	73.35	74.05	74.11	72.95	70.71	69.83	69.60	70.31	70.83	70.85	72.56	73.62	74.45	74.42	73.80	71.95	65.93	58.18
25	73.33	72.73	71.77	69.50	67.99	67.77	67.98	68.30	68.56	68.21	69.20	71.32	73.32	73.32	72.60	70.53	63.60	56.65
65	67.40	66.44	65.92	63.11	63.02	63.56	64.47	64.67	63.11	63.58	65.59	66.85	69.84	70.99	70.98	69.46	64.13	59.55
105	60.72	58.99	58.24	57.48	57.95	57.67	58.45	58.23	57.21	55.62	55.52	60.64	63.10	66.79	67.84	65.36	64.07	62.08
145	53.89	52.23	50.89	49.88	47.94	45.17	44.05	44.51	45.09	45.14	46.00	49.84	54.23	57.20	60.56	59.03	63.76	63.40
185	49.09	47.70	45.77	43.93	39.11	33.00	31.32	33.52	35.30	36.90	38.55	43.31	48.35	52.34	55.04	55.83	58.77	60.12
225	46.10	44.91	43.11	40.54	35.00	28.49	27.17	28.84	30.37	32.16	35.23	39.81	45.70	50.38	52.35	53.76	54.43	56.29
265	44.90	44.01	43.10	40.49	36.08	31.32	30.35	30.08	30.42	31.43	34.50	39.16	45.77	50.67	52.57	52.76	52.56	53.69
305	45.68	45.83	46.20	45.16	42.44	39.37	36.63	36.47	35.82	36.04	38.21	42.26	47.47	53.47	54.94	53.42	52.22	52.16
345	47.94	47.84	47.70	47.36	46.73	45.38	43.22	42.10	41.39	41.71	43.20	47.77	53.39	56.90	56.75	55.64	54.17	53.29
385	50.50	50.21	50.15	49.66	49.76	49.17	47.77	46.56	45.86	46.52	47.68	52.50	57.32	59.77	59.19	58.15	56.15	52.80
425	53.84	53.60	53.56	52.46	52.27	51.75	51.08	50.34	49.90	50.50	51.67	55.45	58.57	60.47	60.13	58.92	55.20	51.44
465	58.31	58.15	57.64	55.95	54.86	54.15	53.83	53.66	53.65	53.93	55.12	57.24	58.45	59.77	59.81	58.47	53.58	51.67
505	64.14	63.15	61.68	59.97	57.54	57.02	56.08	56.05	56.21	57.34	57.92	60.51	60.32	61.04	61.10	60.20	58.86	58.10
545	70.47	68.02	66.81	64.62	62.21	61.46	59.51	58.44	58.06	58.52	59.91	60.41	60.70	62.74	64.01	63.72	63.32	63.58
585	69.79	68.21	67.20	65.93	64.11	63.47	61.36	60.26	60.22	61.28	61.34	61.46	62.28	63.84	65.38	66.10	66.81	68.50
625	66.23	65.72	64.87	65.01	64.00	64.00	62.18	62.26	62.11	62.65	61.78	62.61	63.50	64.94	65.82	68.29	70.30	71.74
665	58.56	58.04	57.39	58.43	58.18	58.92	57.92	59.19	58.67	58.12	58.42	60.50	61.16	63.20	63.13	66.81	69.79	71.18
705	42.07	40.58	40.19	40.85	41.03	41.55	41.95	41.95	42.45	43.78	46.93	50.02	51.02	52.49	52.64	54.04	56.20	64.04
745	38.66	31.62	30.85	30.10	29.38	28.46	27.02	27.83	31.56	34.04	37.93	41.54	46.15	52.15	53.98	54.02	58.13	63.24
785	22.65	28.15	27.27	26.52	25.38	25.26	27.42	27.42	32.12	35.43	39.88	45.84	52.69	57.00	57.72	57.17	59.91	62.61
825	25.82	25.83	25.48	25.78	25.95	27.16	29.22	30.86	36.10	39.54	44.41	51.23	57.91	60.17	61.19	60.96	61.73	63.40
865	24.85	25.12	25.49	26.84	28.98	31.35	33.51	32.91	37.23	39.43	43.23	47.18	50.64	52.57	54.96	55.40	55.16	56.56
905	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76	30.76



SEPTEMBER-OCTOBER-NOVEMBER 800-mb ZONAL WIND--N/HEM (m/sec)

[illegible]

[illegible]



[illegible]



SEPTEMBER-OCTOBER-NOVEMBER 800-mb MERIDIONAL WIND--N/HEM (m/sec)

	177.5W	172.5W	167.5W	162.5W	157.5W	152.5W	147.5W	142.5W	137.5W	132.5W	127.5W	122.5W	117.5W	112.5W	107.5W	102.5W	97.5W	92.5W
88N*****																		
84N*****	-0.64	-0.90	-0.90	-0.90	-0.90	-1.16	1.54	1.16	0.90	0.51	-0.00	-0.51	-1.03	-1.29	-1.29	-1.29		
80N*****	-0.39	-0.64	-0.90	-0.90	-0.90	-1.16	1.54	1.16	0.90	0.51	-0.00	-0.51	-1.03	-1.29	-1.29	-1.29		
76N	0.0	0.0	-0.06	-0.19	-0.32	-0.45	-0.51	-0.51	-0.51	-0.51	-0.51	-0.51	-0.51	-0.51	-0.51	-0.51	-1.48	-1.35
72N	0.06	0.19	0.26	0.26	0.32	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	-0.77	-0.77
68N	0.39	0.64	0.77	0.77	0.97	1.35	1.22	0.58	0.39	0.64	0.71	0.58	0.26	-0.45	-0.32	-0.35	0.06	-0.32
64N	0.64	0.90	1.03	1.03	1.35	1.99	2.06	1.54	1.16	0.90	0.51	-0.00	-0.51	-1.03	-1.29	-1.29	-0.35	0.04
60N	0.39	0.64	0.71	0.58	0.90	1.67	2.45	3.22	3.22	2.45	1.48	0.32	-0.58	-1.22	-1.61	-1.74	-1.74	-1.01
56N	0.06	0.19	0.06	-0.32	-0.19	0.45	1.80	3.86	4.57	3.93	2.83	1.29	-0.06	-1.22	-1.87	-1.99	-1.93	-1.07
52N	0.0	0.0	-0.58	-1.74	-1.99	-1.35	0.33	3.22	4.44	4.05	3.22	1.93	0.58	-0.84	-1.74	-2.12	-2.06	-1.54
48N	0.77	0.26	-0.97	-2.90	-3.54	-2.90	-1.09	1.87	3.28	3.15	2.70	1.93	0.58	0.58	0.58	0.58	0.58	0.58
44N	1.54	0.51	-1.16	-3.47	-4.25	-3.47	-2.12	-0.19	1.03	1.54	1.67	1.42	0.58	0.58	0.58	0.58	0.58	0.58
40N	1.22	0.06	-1.61	-3.80	-4.57	-3.93	-3.15	-2.25	-1.35	-0.45	0.0	0.0	0.32	0.97	0.71	-0.45	-0.77	-0.26
36N	0.58	-0.84	-2.19	-3.47	-4.05	-3.93	-3.60	-3.09	-2.45	-1.67	-1.29	-0.45	1.22	1.54	0.51	-0.06	-0.19	-0.19
32N	0.06	-1.35	-2.32	-2.83	-3.09	-3.09	-2.51	-2.06	-1.54	-1.22	-1.09	-0.39	0.90	1.42	1.16	0.04	-0.19	-0.19
28N	-0.26	-1.29	-1.93	-2.19	-2.32	-2.32	-1.93	-1.16	-0.71	-0.58	-0.45	-0.32	-0.13	0.13	0.51	1.03	0.90	0.13
24N	-0.32	-0.97	-1.42	-1.67	-1.80	-1.80	-1.16	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20N	-0.19	-0.58	-0.90	-1.16	-1.22	-1.09	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16N	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12N	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8N	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4N	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
125	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
285	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
365	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
405	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
445	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
485	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
525	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
565	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
605	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
645	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
685	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
725	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
765	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
805	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
845	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
885	0.06	-0.39	-0.64	-0.64	-0.64	-0.39	0.13	0.58	0.19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





Table 5.16--Continued

	2.5E	7.5E	12.5E	17.5E	22.5E	27.5E	32.5E	37.5E	42.5E	47.5E	52.5E	57.5E	62.5E	67.5E	72.5E	77.5E	82.5E	87.5E
88N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
84N	0.0	0.0	0.06	0.19	0.32	0.45	0.58	0.71	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
80N	-0.06	0.32	0.64	0.90	1.22	1.61	1.87	1.99	2.12	2.25	2.25	2.12	2.12	2.25	2.25	2.12	1.87	1.40
76N	0.13	0.90	1.87	2.25	2.64	2.77	2.64	2.64	2.70	2.96	2.96	2.70	2.04	2.77	2.70	2.45	2.12	1.74
72N	1.03	1.54	1.99	2.38	2.57	2.57	2.45	2.19	2.12	2.25	2.25	2.12	2.12	2.25	2.19	1.93	1.80	1.80
68N	2.06	2.06	2.06	2.06	1.87	1.48	1.09	0.71	0.51	0.64	0.90	0.90	1.22	1.61	1.87	1.99	2.00	2.00
64N	2.57	2.06	1.67	1.42	0.97	0.32	-0.26	-0.77	-1.03	-1.03	-0.84	-0.45	0.23	0.50	1.80	2.83	3.22	2.90
60N	2.45	1.67	1.09	0.71	0.19	-0.45	-0.97	-1.35	-1.54	-1.54	-1.48	-1.35	-0.84	0.06	0.06	2.64	3.20	3.15
56N	1.74	1.09	0.51	-0.00	-0.45	-0.84	-1.09	-1.22	-1.22	-1.09	-1.03	-1.03	-0.77	-0.26	0.32	0.97	1.25	1.25
52N	0.84	0.45	0.00	-0.51	-0.77	-0.77	-0.71	-0.58	-0.45	-0.32	-0.26	-0.26	-0.19	-0.06	0.0	0.0	*****	*****
48N	-0.13	-0.39	-0.71	-1.09	-1.09	-0.71	-0.32	0.06	0.26	0.26	0.06	-0.32	-0.39	-0.13	-0.06	-0.19	*****	*****
44N	-0.84	-0.97	-1.29	-1.80	-1.74	-1.09	-0.39	0.39	0.64	0.39	0.06	-0.71	-0.71	-0.06	*****	*****	*****	*****
40N	-1.03	-1.03	-1.29	-1.80	-1.80	-1.29	-0.58	0.32	0.58	0.19	-0.26	-0.77	-0.64	0.13	*****	*****	*****	*****
36N	-0.77	-0.77	-0.90	-1.16	-1.29	-1.29	-0.90	-0.13	0.06	-0.32	-0.58	-0.71	-0.71	*****	*****	*****	*****	*****
32N	-0.58	-0.71	-0.90	-1.16	-1.42	-1.67	-1.48	-0.84	-0.71	-1.09	-1.09	-0.71	*****	*****	*****	*****	*****	*****
28N	-0.64	-0.90	-1.16	-1.42	-1.61	-1.74	-1.61	-1.22	-1.29	-1.80	-1.67	-0.90	-0.45	-0.32	*****	*****	*****	*****
24N	-0.64	-0.90	-1.22	-1.61	-1.74	-1.61	-1.42	-1.16	-1.48	-2.38	-2.32	-1.29	-0.51	0.00	-0.13	-0.90	-1.03	-0.51
20N	-0.51	-1.03	-1.48	-1.87	-1.93	-1.67	-1.48	-1.35	-1.74	-2.64	-2.57	-1.54	-0.71	-0.06	-0.06	-0.71	-0.77	-0.20
16N	-0.45	-1.35	-1.93	-2.19	-2.19	-1.93	-1.80	-1.80	-2.06	-2.57	-2.45	-1.67	-1.09	-0.71	-0.71	-1.09	-0.97	-0.52
12N	-0.45	-1.35	-1.99	-2.38	-2.51	-2.38	-2.32	-2.32	-2.38	-2.51	-2.32	-1.80	-1.48	-1.35	-1.35	-1.48	-1.03	0.0
8N	*****	*****	-1.61	-2.25	-2.57	-2.57	-2.57	-2.57	-2.51	-2.38	-1.61	-1.22	-1.54	-1.29	-1.16	-0.90	-0.13	1.10
4N	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	1.93
0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
4S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
8S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
12S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
16S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
20S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
24S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
28S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
32S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
36S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
40S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
44S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
48S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
52S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
56S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
60S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
64S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
68S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
72S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
76S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
80S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
84S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
88S	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

[illegible]

Table 5.17

OCTOBER 800-mb ZONAL GEOSTROPHIC (m/sec)

	177.5W	172.5W	167.5W	162.5W	157.5W	152.5W	147.5W	142.5W	137.5W	132.5W	127.5W	122.5W	117.5W	112.5W	107.5W	102.5W	97.5W	92.5W
86N	0.93	0.91	0.87	0.84	0.79	0.71	0.65	0.57	0.49	0.40	0.28	0.19	0.10	-0.02	-0.11	-0.19	-0.25	-0.37
84N	1.25	1.23	1.17	1.12	1.06	0.99	0.93	0.84	0.73	0.59	0.45	0.31	0.14	-0.02	-0.18	-0.33	-0.46	-0.61
80N	1.21	1.14	1.06	1.01	1.00	1.03	1.08	1.11	1.11	1.07	1.00	0.90	0.74	0.58	0.39	0.19	-0.01	-0.20
76N	0.73	0.54	0.42	0.38	0.47	0.65	0.90	1.17	1.44	1.65	1.76	1.79	1.72	1.59	1.43	1.23	1.00	0.76
72N	-0.04	-0.39	-0.62	-0.69	-0.53	-0.17	0.32	0.92	1.55	2.11	2.51	2.76	2.82	2.73	2.60	2.43	2.23	2.01
68N	-0.55	-1.01	-1.36	-1.51	-1.39	-0.99	-0.36	0.49	1.47	2.41	3.16	3.61	3.75	3.70	3.57	3.42	3.27	3.09
64N	-0.18	-0.57	-0.90	-1.10	-1.09	-0.80	-0.25	0.59	1.68	2.83	3.77	4.33	4.54	4.51	4.37	4.21	4.05	3.98
60N	1.28	1.16	1.03	0.89	0.83	0.96	1.28	1.85	2.67	3.61	4.44	5.01	5.30	5.33	5.18	4.99	4.82	4.61
56N	3.86	4.07	4.21	4.22	4.15	4.11	4.13	4.22	4.42	4.75	5.14	5.57	5.94	6.07	5.96	5.74	5.58	5.36
52N	7.40	7.82	8.14	8.29	8.23	8.05	7.73	7.24	6.61	6.03	5.73	5.84	6.22	6.48	6.45	6.28	6.17	6.00
48N	10.82	11.20	11.50	11.65	11.56	11.22	10.62	9.69	8.39	6.97	5.41	5.48	5.61	5.92	6.14	6.27	6.46	6.65
44N	12.24	12.51	12.73	12.83	12.69	12.25	11.51	10.41	8.88	7.10	5.50	4.44	4.08	4.35	4.96	5.64	6.20	6.85
40N	10.84	11.10	11.32	11.44	11.33	10.92	10.21	9.21	7.87	6.24	4.55	3.13	2.39	2.56	3.46	4.57	5.52	6.15
36N	7.17	7.46	7.71	7.88	7.84	7.57	7.06	6.36	5.49	4.41	3.15	1.89	1.09	1.17	2.06	3.22	4.15	4.65
32N	2.52	2.78	3.00	3.15	3.16	3.05	2.82	2.54	2.27	1.97	1.55	0.96	0.47	0.46	0.98	1.71	2.20	2.57
28N	-1.14	-1.00	-0.92	-0.90	-0.92	-0.98	-1.02	-0.98	-0.76	-0.38	0.01	0.20	0.13	-0.03	-0.10	-0.01	0.15	0.31
24N	-3.11	-3.12	-3.18	-3.30	-3.39	-3.45	-3.41	-3.24	-2.83	-2.14	-1.34	-0.67	-0.46	-0.80	-1.38	-1.82	-1.97	-1.92
20N	-4.17	-4.28	-4.42	-4.57	-4.67	-4.70	-4.63	-4.44	-4.02	-3.30	-2.40	-1.57	-1.23	-1.59	-2.39	-3.18	-3.67	-3.95
16N	-4.74	-4.91	-5.06	-5.14	-5.16	-5.11	-5.01	-4.85	-4.48	-3.79	-2.93	-2.11	-1.66	-1.84	-2.54	-3.44	-4.24	-4.70
12N	-4.74	-4.90	-4.98	-4.94	-4.81	-4.65	-4.52	-4.39	-4.01	-3.30	-2.45	-1.69	-1.15	-0.96	-1.24	-1.93	-2.60	-3.57
8N	-4.22	-4.40	-4.40	-4.21	-3.93	-3.67	-3.51	-3.39	-2.95	-2.08	-1.14	-0.44	0.13	0.61	0.83	0.58	-0.07	-0.79
4N	-3.91	-4.18	-4.22	-3.99	-3.69	-3.46	-3.32	-3.18	-2.70	-1.79	-0.92	-0.42	-0.07	0.35	0.74	0.85	0.63	0.35
0	-4.05	-4.46	-4.62	-4.54	-4.36	-4.25	-4.20	-4.06	-3.63	-2.93	-2.42	-2.33	-2.38	-2.29	-2.05	-1.61	-1.52	-1.00
4S	-4.18	-4.73	-5.00	-5.02	-4.91	-4.87	-4.95	-4.91	-4.59	-4.20	-4.08	-4.33	-4.66	-4.60	-4.79	-4.64	-4.14	-3.17
8S	-3.83	-4.47	-4.70	-4.51	-4.16	-4.07	-4.35	-4.60	-4.52	-4.33	-4.41	-4.69	-4.77	-4.63	-4.65	-4.92	-4.57	-4.30
12S	-1.86	-2.40	-2.51	-2.14	-1.63	-1.54	-2.03	-2.63	-2.84	-2.79	-2.83	-2.88	-2.56	-2.04	-2.04	-2.82	-3.71	-3.80
16S	0.95	0.70	0.63	0.82	1.08	0.99	0.44	-0.22	-0.53	-0.50	-0.42	-0.32	0.03	0.44	0.30	-0.61	-1.76	-2.41
20S	2.71	2.74	2.67	2.60	2.50	2.26	1.86	1.48	1.36	1.53	1.74	1.85	1.98	2.04	1.75	1.04	0.17	-0.50
24S	3.28	3.49	3.47	3.28	2.98	2.71	2.60	2.62	2.80	3.16	3.47	3.55	3.45	3.21	2.84	2.44	1.97	1.29
28S	3.26	3.52	3.62	3.56	3.36	3.24	3.39	3.70	4.07	4.49	4.84	4.95	4.83	4.53	4.21	4.00	3.60	2.98
32S	3.59	3.84	4.10	4.32	4.42	4.53	4.80	5.14	5.46	5.79	6.07	6.20	6.16	6.01	5.86	5.70	5.32	4.57
36S	4.55	4.79	5.22	5.66	5.96	6.20	6.47	6.70	6.89	7.06	7.19	7.24	7.22	7.23	7.26	7.18	6.83	6.22
40S	6.02	6.25	6.72	7.17	7.46	7.66	7.85	8.00	8.09	8.12	8.11	8.07	8.07	8.18	8.33	8.37	8.26	7.91
44S	8.03	8.13	8.42	8.65	8.74	8.81	8.91	9.01	9.04	8.96	8.86	8.79	8.84	9.02	9.24	9.37	9.43	9.51
48S	10.41	10.24	10.13	9.96	9.78	9.71	9.72	9.79	9.81	9.71	9.61	9.61	9.70	9.90	10.12	10.32	10.59	10.98
52S	12.47	12.08	11.64	11.20	10.87	10.70	10.64	10.65	10.67	10.63	10.63	10.73	10.80	11.02	11.22	11.47	11.63	12.00
56S	13.46	13.19	12.79	12.42	12.15	11.96	11.83	11.74	11.71	11.69	11.76	11.89	12.01	12.12	12.27	12.49	12.75	13.10
60S	13.19	13.31	13.24	13.14	13.04	12.89	12.70	12.52	12.37	12.28	12.25	12.27	12.26	12.26	12.30	12.41	12.55	12.64
64S	11.59	12.09	12.39	12.59	12.66	12.56	12.39	12.16	11.86	11.62	11.38	11.17	10.96	10.76	10.62	10.56	10.51	10.41
68S	8.66	9.27	9.73	10.06	10.23	10.19	10.07	9.84	9.49	9.09	8.66	8.23	7.81	7.42	7.12	6.89	6.71	6.54
72S	4.65	4.96	5.21	5.40	5.53	5.49	5.49	5.37	5.13	4.81	4.43	4.04	3.65	3.28	2.99	2.77	2.60	2.50
76S	0.40	0.27	0.18	0.14	0.15	0.18	0.26	0.32	0.35	0.33	0.26	0.18	0.09	0.02	-0.04	-0.08	-0.10	-0.00
80S	-2.93	-3.30	-3.57	-3.75	-3.81	-3.77	-3.61	-3.40	-3.13	-2.88	-2.64	-2.38	-2.14	-1.90	-1.70	-1.55	-1.41	-1.30
84S	-4.43	-4.81	-5.09	-5.28	-5.36	-5.32	-5.18	-4.94	-4.63	-4.26	-3.94	-3.57	-3.19	-2.82	-2.48	-2.21	-1.97	-1.80
88S	-3.61	-3.84	-4.01	-4.13	-4.21	-4.22	-4.16	-4.05	-3.90	-3.72	-3.51	-3.29	-3.05	-2.78	-2.52	-2.29	-2.07	-1.86



Table 5.17--Continued

	87.5W	82.5W	77.5W	72.5W	67.5W	62.5W	57.5W	52.5W	47.5W	42.5W	37.5W	32.5W	27.5W	22.5W	17.5W	12.5W	7.5W	2.5W
88N	-0.43	-0.48	-0.50	-0.51	-0.50	-0.47	-0.44	-0.44	-0.40	-0.39	-0.40	-0.39	-0.38	-0.39	-0.41	-0.43	-0.42	-0.40
84N	-0.70	-0.75	-0.74	-0.69	-0.62	-0.50	-0.37	-0.25	-0.11	0.01	0.11	0.17	0.21	0.21	0.19	0.19	0.16	0.21
80N	-0.36	-0.47	-0.53	-0.55	-0.51	-0.39	-0.23	-0.07	0.12	0.29	0.43	0.54	0.62	0.66	0.69	0.75	0.82	0.82
76N	0.54	0.31	0.12	-0.05	-0.14	-0.13	-0.07	0.01	0.14	0.26	0.37	0.51	0.65	0.81	0.99	1.21	1.46	1.78
72N	1.72	1.42	1.11	0.76	0.50	0.32	0.17	0.06	-0.02	-0.08	-0.06	0.08	0.32	0.70	1.16	1.65	2.17	2.71
68N	2.87	2.59	2.27	1.90	1.55	1.22	0.89	0.57	0.28	0.07	0.02	0.17	0.52	1.09	1.79	2.48	3.14	3.73
64N	3.88	3.75	3.56	3.31	3.02	2.72	2.39	2.06	1.77	1.62	1.63	1.83	2.21	2.73	3.36	3.95	4.43	4.79
60N	4.85	4.91	4.94	4.89	4.78	4.64	4.50	4.37	4.32	4.38	4.57	4.81	5.05	5.27	5.49	5.66	5.72	5.66
56N	5.75	6.05	6.33	6.51	6.63	6.74	6.87	7.05	7.29	7.59	7.89	8.05	8.00	7.77	7.42	7.02	6.58	6.07
52N	6.28	7.12	7.64	8.05	8.40	8.74	9.12	9.53	9.91	10.24	10.42	10.31	9.90	9.24	8.40	7.52	6.67	5.62
48N	7.62	7.82	8.37	8.90	9.40	9.88	10.36	10.79	11.07	11.15	10.99	10.55	9.87	8.99	7.94	6.88	5.91	5.01
44N	7.31	7.63	7.95	8.39	8.90	9.44	9.94	10.27	10.37	10.19	9.78	9.14	8.35	7.46	6.47	5.53	4.75	4.11
40N	6.43	6.42	6.42	6.68	7.14	7.66	8.11	8.38	8.39	8.15	7.71	7.09	6.31	5.48	4.70	4.08	3.70	3.52
36N	4.72	4.48	4.29	4.44	4.82	5.25	5.57	5.72	5.69	5.53	5.24	4.77	4.13	3.48	3.01	2.84	2.96	3.32
32N	2.58	2.38	2.28	2.45	2.74	2.94	2.98	2.91	2.82	2.74	2.63	2.37	2.03	1.74	1.68	1.98	2.59	3.35
28N	0.43	0.53	0.70	0.93	1.02	0.88	0.58	0.26	0.07	-0.00	-0.02	-0.05	0.22	0.65	1.29	2.06	2.84	3.66
24N	-1.70	-1.33	-0.89	-0.64	-0.82	-1.30	-1.85	-2.32	-2.60	-2.72	-2.72	-2.51	-2.05	-1.36	-0.58	0.11	0.63	0.96
20N	-3.72	-3.20	-2.54	-2.27	-2.67	-3.46	-4.22	-4.77	-5.11	-5.30	-5.26	-4.85	-4.07	-3.08	-2.21	-1.76	-1.75	-2.04
16N	-4.87	-4.34	-3.56	-3.30	-3.88	-4.91	-5.84	-6.47	-6.85	-7.04	-6.96	-6.40	-5.43	-4.38	-3.68	-3.62	-4.13	-4.90
12N	-3.07	-3.56	-3.09	-3.12	-3.79	-4.78	-5.69	-6.30	-6.61	-6.66	-6.43	-5.83	-4.96	-4.16	-3.83	-4.09	-4.78	-5.60
8N	-1.26	-1.51	-1.53	-2.62	-3.27	-3.81	-4.33	-4.74	-4.81	-4.54	-4.11	-3.63	-3.10	-2.68	-2.65	-2.98	-3.46	-4.35
4N	0.06	-0.45	-1.29	-2.14	-2.55	-2.73	-3.10	-3.53	-3.59	-4.24	-4.84	-5.29	-5.36	-5.16	-5.21	-5.42	-6.20	-7.27
0	-0.73	-0.75	-1.02	-1.14	-1.08	-1.33	-2.12	-3.03	-3.47	-3.46	-3.41	-3.46	-3.41	-3.28	-3.27	-3.29	-3.03	-2.55
4S	-2.16	-1.46	-0.92	-0.24	0.24	-0.11	-1.32	-2.67	-3.58	-4.06	-4.48	-4.90	-5.03	-4.89	-4.73	-4.49	-3.88	-3.03
8S	-3.07	-1.84	-0.90	-0.10	0.45	0.29	0.68	-1.99	-3.15	-4.09	-5.00	-5.83	-6.25	-6.15	-5.72	-5.08	-4.25	-3.43
12S	-3.04	-1.87	-1.07	-0.60	-0.13	0.20	0.00	-0.76	-1.76	-2.71	-3.60	-4.42	-4.94	-4.95	-4.48	-3.80	-3.22	-2.92
16S	-2.25	-1.60	-1.14	-0.92	-0.50	0.16	0.60	-0.44	-0.04	-0.40	-0.62	-0.91	-1.24	-1.39	-1.26	-1.04	-1.06	-1.42
20S	-0.94	-0.86	-0.72	-0.69	-0.47	0.18	0.90	1.27	1.44	1.79	2.27	2.49	2.33	2.03	1.82	1.61	1.17	0.42
24S	0.59	0.22	0.10	0.01	0.05	0.50	1.29	2.08	2.83	3.69	4.52	4.92	4.78	4.41	4.07	3.69	3.12	2.35
28S	2.05	1.37	1.08	1.00	1.09	1.48	2.29	3.32	4.36	5.29	6.00	6.24	6.05	5.75	5.55	5.28	4.85	4.33
32S	3.56	2.73	2.38	2.44	2.79	3.33	4.12	5.05	5.94	6.62	7.00	7.00	6.87	6.78	6.79	6.72	6.52	6.34
36S	5.41	4.66	4.32	4.48	4.97	5.54	6.12	6.70	7.26	7.69	7.86	7.88	7.93	8.03	8.13	8.18	8.20	8.29
40S	7.50	7.05	6.77	6.81	7.09	7.41	7.67	7.96	8.33	8.70	8.98	9.19	9.42	9.61	9.73	9.84	9.95	10.25
44S	9.57	9.50	9.29	9.05	8.87	8.80	8.81	9.00	9.37	9.86	10.39	10.88	11.29	11.54	11.67	11.82	12.05	12.55
48S	11.39	11.61	11.48	11.00	10.39	9.97	9.89	10.13	10.62	11.25	11.98	12.69	13.27	13.63	13.82	14.01	14.29	14.55
52S	12.75	13.05	12.98	12.49	11.80	11.21	11.24	11.48	11.91	12.43	13.06	13.73	14.31	14.71	14.96	15.17	15.41	15.60
56S	13.36	13.53	13.47	13.14	12.65	12.27	12.15	12.25	12.40	12.55	12.79	13.11	13.42	13.64	13.76	13.83	13.90	14.02
60S	12.67	12.69	12.63	12.42	12.13	11.84	11.65	11.53	11.38	11.17	10.97	10.88	10.71	10.58	10.40	10.21	10.08	10.09
64S	10.31	10.25	10.19	10.10	9.96	9.76	9.52	9.25	8.91	8.43	7.88	7.36	6.86	6.38	5.93	5.52	5.25	5.09
68S	6.42	6.39	6.41	6.43	6.43	6.34	6.16	5.87	5.48	4.93	4.25	3.55	2.89	2.30	1.77	1.32	0.97	0.68
72S	2.45	2.48	2.58	2.70	2.82	2.84	2.74	2.51	2.15	1.68	1.13	0.55	0.11	-0.25	-0.54	-0.79	-1.05	-1.39
76S	-0.06	-0.02	0.08	0.19	0.28	0.29	0.19	-0.01	-0.29	-0.60	-0.89	-1.13	-1.25	-1.24	-1.21	-1.20	-1.29	-1.53
80S	-1.24	-1.18	-1.13	-1.11	-1.11	-1.19	-1.31	-1.46	-1.61	-1.74	-1.81	-1.79	-1.67	-1.47	-1.28	-1.15	-1.10	-1.17
84S	-1.71	-1.61	-1.55	-1.53	-1.52	-1.57	-1.63	-1.67	-1.67	-1.62	-1.53	-1.38	-1.18	-0.96	-0.74	-0.56	-0.43	-0.38
88S	-1.71	-1.53	-1.37	-1.22	-1.07	-0.93	-0.78	-0.65	-0.49	-0.28	-0.06	0.15	0.36	0.57	0.78	0.98	1.13	1.27



Table 5.17--Continued

	2.5E	7.5E	12.5E	17.5E	22.5E	27.5E	32.5E	37.5E	42.5E	47.5E	52.5E	57.5E	62.5E	67.5E	72.5E	77.5E	82.5E	87.5E
88N	-0.42	-0.41	-0.39	-0.38	-0.37	-0.35	-0.34	-0.33	-0.33	-0.34	-0.32	-0.31	-0.31	-0.29	-0.28	-0.27	-0.25	07.2E
84N	0.25	0.28	0.34	0.38	0.38	0.36	0.33	0.28	0.18	0.06	-0.06	-0.17	-0.27	-0.37	-0.43	-0.47	-0.45	0.18
80N	1.11	1.29	1.46	1.58	1.64	1.64	1.57	1.43	1.20	0.93	0.67	0.41	0.17	-0.02	-0.12	-0.17	-0.17	0.45
76N	2.14	2.51	2.84	3.06	3.18	3.21	3.09	2.85	2.52	2.12	1.70	1.31	1.00	0.79	0.70	0.70	0.77	0.89
72N	3.25	3.77	4.22	4.52	4.65	4.64	4.48	4.20	3.82	3.38	2.92	2.50	2.21	2.05	2.03	2.12	2.28	2.47
68N	4.27	4.76	5.16	5.39	5.46	5.40	5.24	5.03	4.78	4.50	4.21	3.94	3.75	3.70	3.75	3.90	4.12	4.35
64N	5.07	5.31	5.46	5.54	5.54	5.47	5.38	5.36	5.40	5.46	5.49	5.49	5.48	5.51	5.61	5.74	5.93	6.00
60N	5.55	5.42	5.33	5.29	5.28	5.27	5.29	5.46	5.79	6.21	6.57	6.85	7.05	7.19	7.30	7.39	7.45	7.44
56N	5.55	5.11	4.84	4.78	4.85	4.93	5.06	5.35	5.87	6.54	7.16	7.65	8.05	8.30	8.44	8.48	8.40	8.20
52N	5.04	4.41	4.06	4.04	4.21	4.41	4.62	4.94	5.48	6.21	6.93	7.54	8.02	8.33	8.49	8.50	8.34	8.00
48N	4.21	3.57	3.23	3.23	3.41	3.64	3.85	4.08	4.46	5.01	5.61	6.04	6.25	6.36	6.47	6.53	6.44	6.19
44N	3.57	3.14	2.87	2.82	2.85	2.94	3.02	3.09	3.22	3.44	3.63	3.52	3.14	2.65	2.86	3.05	3.14	3.13
40N	3.44	3.36	3.23	3.05	2.80	2.60	2.49	2.39	2.30	2.17	1.82	1.10	0.22	-0.31	-0.30	-0.06	0.07	0.17
36N	3.72	4.00	3.97	3.59	2.99	2.45	2.12	1.96	1.80	1.40	0.60	-0.50	-1.45	-1.85	-1.74	-1.56	-1.50	-1.55
32N	4.07	4.53	4.44	3.79	2.86	2.02	1.57	1.52	1.51	1.05	0.13	-0.83	-1.29	-1.18	-1.04	-1.38	-2.05	-2.44
28N	3.43	3.66	3.30	2.47	1.50	0.75	0.47	0.64	0.83	0.56	-0.00	-0.28	0.06	0.56	0.48	-0.36	-1.33	-1.76
24N	1.02	0.75	0.18	-0.47	-0.92	-1.04	-0.87	-0.55	-0.37	-0.44	-0.40	0.16	1.05	1.48	0.99	-0.02	-0.72	-0.78
20N	-2.54	-3.13	-3.57	-3.64	-3.19	-2.41	-1.71	-1.42	-1.52	-1.56	-1.03	0.17	1.16	1.26	0.46	-0.35	-0.47	-0.06
16N	-5.70	-6.22	-6.20	-5.51	-4.25	-2.77	-1.72	-1.58	-2.06	-2.21	-1.44	-0.09	0.81	0.57	-0.27	-0.65	-0.24	0.36
12N	-6.21	-6.29	-5.68	-4.58	-3.20	-1.78	-0.84	-0.86	-1.51	-1.80	-1.16	-0.08	0.47	0.14	-0.40	-0.35	0.22	0.61
8N	-4.21	-3.91	-2.99	-1.96	-1.18	-0.45	0.14	0.14	-0.39	-0.72	-0.37	0.22	0.41	0.17	0.04	0.37	0.78	0.70
4N	-2.51	-2.05	-1.11	-0.35	-0.16	-0.09	0.19	0.25	-0.10	-0.35	-0.20	0.03	-0.01	-0.21	-0.20	0.12	0.31	0.00
0	-2.08	-1.44	-0.58	-0.05	-0.21	-0.56	-0.60	-0.59	-0.80	-1.00	-1.01	-1.02	-1.19	-1.44	-1.55	-1.50	-1.50	-1.71
4S	-2.25	-1.47	-0.67	-0.31	-0.67	-1.27	-1.53	-1.53	-1.66	-1.94	-2.24	-2.50	-2.80	-3.09	-3.34	-3.52	-3.65	-3.64
8S	-2.71	-1.87	-1.00	-0.67	-1.15	-1.84	-2.01	-1.82	-1.96	-2.63	-3.49	-4.17	-4.64	-4.94	-5.11	-5.21	-5.28	-5.09
12S	-2.71	-2.10	-1.25	-0.93	-1.42	-2.04	-2.03	-1.68	-1.88	-2.85	-3.99	-4.76	-5.31	-5.41	-5.42	-5.31	-5.24	-5.03
16S	-1.81	-1.70	-1.14	-0.85	-1.18	-1.64	-1.63	-1.39	-1.64	-2.49	-3.26	-3.56	-3.80	-3.80	-3.79	-3.68	-3.58	-3.47
20S	-0.36	-0.69	-0.50	-0.24	-0.31	-0.53	-0.56	-0.53	-0.79	-1.31	-1.53	-1.36	-1.22	-1.28	-1.37	-1.32	-1.23	-1.16
24S	1.51	0.93	0.78	0.95	1.11	1.15	1.14	1.09	0.93	0.81	1.01	1.39	1.61	1.56	1.42	1.47	1.65	1.77
28S	3.75	3.17	2.78	2.78	3.02	3.26	3.40	3.48	3.62	3.86	4.21	4.51	4.65	4.64	4.58	4.71	5.00	5.25
32S	6.19	5.88	5.49	5.35	5.54	5.84	6.08	6.34	6.73	7.15	7.43	7.52	7.57	7.66	7.75	7.89	8.10	8.32
36S	8.48	8.52	8.35	8.23	8.36	8.57	8.75	8.99	9.37	9.72	9.84	9.78	9.82	10.04	10.24	10.30	10.34	10.43
40S	10.58	10.80	10.83	10.85	10.99	11.13	11.21	11.29	11.50	11.72	11.73	11.64	11.74	12.05	12.30	12.33	12.27	12.23
44S	12.65	12.88	13.01	13.17	13.38	13.55	13.61	13.59	13.65	13.76	13.76	13.74	13.90	14.24	14.49	14.55	14.40	14.30
48S	14.75	14.89	15.04	15.28	15.58	15.86	15.99	15.97	15.95	15.99	16.01	16.06	16.22	16.45	16.65	16.73	16.64	16.41
52S	15.75	15.93	16.15	16.45	16.78	17.04	17.11	16.97	16.75	16.55	16.45	16.41	16.44	16.49	16.58	16.65	16.60	16.43
56S	14.22	14.53	14.91	15.26	15.51	15.57	15.39	14.95	14.36	13.82	13.46	13.27	13.14	13.05	13.02	13.06	13.05	13.02
60S	10.29	10.63	11.03	11.34	11.44	11.31	10.93	10.31	9.55	8.88	8.43	8.17	7.98	7.78	7.65	7.60	7.57	7.59
64S	5.13	5.31	5.51	5.62	5.57	5.35	5.01	4.54	4.00	3.55	3.25	3.04	2.85	2.57	2.31	2.14	2.02	1.98
68S	0.46	0.29	0.11	-0.08	-0.26	-0.41	-0.50	-0.53	-0.52	-0.50	-0.50	-0.58	-0.77	-1.09	-1.43	-1.70	-1.91	-2.05
72S	-1.79	-2.22	-2.67	-3.05	-3.28	-3.32	-3.14	-2.79	-2.39	-2.03	-1.82	-1.80	-1.95	-2.23	-2.51	-2.72	-2.87	-2.96
76S	-1.90	-2.31	-2.71	-3.02	-3.19	-3.16	-2.91	-2.53	-2.11	-1.73	-1.48	-1.40	-1.45	-1.58	-1.71	-1.72	-1.72	-1.72
80S	-1.36	-1.55	-1.74	-1.87	-1.92	-1.86	-1.70	-1.46	-1.18	-0.91	-0.71	-0.58	-0.52	-0.47	-0.41	-0.36	-0.31	-0.29
84S	-0.37	-0.35	-0.33	-0.32	-0.27	-0.20	-0.11	-0.01	0.12	0.27	0.40	0.49	0.57	0.66	0.74	0.78	0.79	0.76
88S	1.42	1.54	1.63	1.70	1.78	1.84	1.88	1.89	1.92	1.95	1.95	1.93	1.90	1.86	1.80	1.72	1.62	1.49

Table 5.17--Continued

	92.5E	97.5E	102.5E	107.5E	112.5E	117.5E	122.5E	127.5E	132.5E	137.5E	142.5E	147.5E	152.5E	157.5E	162.5E	167.5E	172.5E	177.5E
88N	-0.14	-0.07	-0.02	0.03	0.10	0.15	0.23	0.32	0.39	0.48	0.58	0.66	0.72	0.77	0.83	0.88	0.85	0.91
84N	-0.40	-0.34	-0.30	-0.25	-0.16	-0.06	0.05	0.17	0.31	0.44	0.58	0.73	0.86	0.97	1.08	1.16	1.23	1.25
80N	-0.04	0.03	0.09	0.14	0.22	0.30	0.38	0.48	0.59	0.69	0.80	0.94	1.09	1.21	1.30	1.34	1.35	1.37
76N	0.99	1.09	1.15	1.18	1.21	1.21	1.18	1.16	1.16	1.14	1.15	1.20	1.27	1.34	1.34	1.29	1.18	0.97
72N	2.63	2.73	2.77	2.74	2.65	2.50	2.27	2.04	1.85	1.62	1.46	1.35	1.29	1.26	1.18	1.03	0.77	0.58
68N	4.50	4.54	4.49	4.32	4.06	3.72	3.29	2.84	2.38	1.93	1.57	1.29	1.01	0.88	0.70	0.41	-0.04	-0.04
64N	6.13	6.03	5.79	5.44	5.00	4.50	3.93	3.33	2.75	2.20	1.71	1.33	1.07	0.90	0.76	0.64	0.47	0.19
60N	7.31	7.01	6.58	6.08	5.50	4.91	4.30	3.73	3.26	2.82	2.39	2.04	1.77	1.55	1.40	1.35	1.37	1.36
56N	7.89	7.45	6.94	6.41	5.82	5.23	4.68	4.27	4.06	3.96	3.86	3.74	3.59	3.39	3.25	3.25	3.39	3.62
52N	7.61	7.25	6.91	6.58	6.19	5.75	5.37	5.20	5.31	5.66	6.08	6.38	6.52	6.52	6.47	6.48	6.62	6.92
48N	5.98	5.97	6.09	6.23	6.31	6.31	6.29	6.36	6.73	7.40	8.22	8.94	9.44	9.74	9.89	9.97	10.16	10.41
44N	3.27	3.69	4.33	5.04	5.71	6.30	6.74	7.07	7.52	8.20	9.05	9.87	10.51	11.00	11.31	11.49	11.66	11.93
40N	0.51	1.22	2.23	3.35	4.45	5.44	6.22	6.75	7.15	7.60	8.13	8.67	9.16	9.57	9.85	10.05	10.28	10.55
36N	-1.51	-0.74	0.34	1.56	2.76	3.82	4.69	5.27	5.56	5.67	5.73	5.81	5.95	6.10	6.21	6.32	6.55	6.95
32N	-2.26	-1.66	-0.87	0.02	0.91	1.66	2.32	2.83	3.00	2.84	2.52	2.18	1.97	1.87	1.80	1.81	1.97	2.22
28N	-1.68	-1.41	-1.26	-1.15	-0.97	-0.71	-0.32	0.11	0.30	0.11	-0.33	-0.84	-1.21	-1.39	-1.48	-1.48	-1.42	-1.50
24N	-0.57	-0.63	-1.21	-1.99	-2.57	-2.70	-2.40	-1.93	-1.62	-1.68	-2.04	-2.53	-2.92	-3.09	-3.09	-3.07	-3.07	-3.09
20N	0.26	-0.04	-1.08	-2.43	-3.44	-3.72	-3.39	-2.88	-2.51	-2.48	-2.77	-3.24	-3.66	-3.88	-3.90	-3.89	-3.94	-4.05
16N	0.61	0.18	-0.92	-2.30	-3.30	-3.55	-3.23	-2.80	-2.54	-2.56	-2.86	-3.32	-3.79	-4.12	-4.28	-4.36	-4.48	-4.61
12N	0.48	-0.02	-0.77	-1.60	-2.19	-2.34	-2.21	-2.04	-2.01	-2.16	-2.47	-2.87	-3.31	-3.75	-4.10	-4.34	-4.51	-4.62
8N	0.11	-0.50	-0.90	-1.14	-1.31	-1.39	-1.47	-1.56	-1.66	-1.81	-2.04	-2.28	-2.53	-2.89	-3.35	-3.73	-4.05	-4.22
4N	-0.66	-1.24	-1.46	-1.49	-1.56	-1.67	-1.80	-1.90	-1.95	-2.08	-2.28	-2.58	-2.93	-3.28	-3.66	-4.04	-4.42	-4.79
0	-2.00	-2.20	-2.23	-2.23	-2.40	-2.65	-2.77	-2.72	-2.69	-2.90	-3.17	-3.21	-3.29	-3.28	-3.25	-3.12	-3.26	-3.57
4S	-3.42	-3.16	-2.97	-2.93	-3.17	-3.57	-3.79	-3.72	-3.66	-3.88	-4.13	-4.40	-4.63	-4.77	-4.81	-4.70	-4.54	-4.35
8S	-4.56	-3.96	-3.47	-3.14	-3.14	-3.62	-4.29	-4.72	-4.81	-4.77	-4.61	-4.20	-3.61	-3.06	-2.67	-2.47	-2.58	-3.06
12S	-4.52	-3.87	-3.21	-2.51	-2.04	-2.37	-3.46	-4.52	-4.83	-4.43	-3.71	-2.98	-2.33	-1.77	-1.27	-0.82	-0.82	-1.22
16S	-3.17	-2.70	-2.14	-1.33	-0.52	-0.44	-1.34	-2.48	-2.86	-2.36	-1.51	-0.80	-0.35	-0.00	0.46	0.97	1.27	1.22
20S	-1.07	-0.80	-0.45	0.15	0.99	1.49	1.20	0.49	0.18	0.46	0.96	1.29	1.35	1.36	1.58	1.97	2.33	2.58
24S	1.83	1.97	2.07	2.21	2.70	3.33	3.64	3.56	3.39	3.28	3.19	3.00	2.68	2.36	2.21	2.27	2.50	2.66
28S	5.35	5.43	5.26	4.69	4.78	5.15	5.72	6.05	5.95	5.51	4.90	4.35	3.82	3.28	2.80	2.49	2.47	2.66
32S	8.46	8.48	8.18	7.57	7.05	7.00	7.35	7.63	7.51	6.99	6.28	5.61	5.00	4.35	3.70	3.22	3.07	3.28
36S	10.49	10.47	10.25	9.77	9.23	8.89	8.82	8.82	8.63	8.22	7.65	6.99	6.31	5.61	4.94	4.47	4.33	4.42
40S	12.17	12.11	12.01	11.77	11.35	10.90	10.56	10.29	10.00	9.68	9.22	8.60	7.89	7.20	6.60	6.21	6.06	6.07
44S	14.11	13.94	13.85	13.74	13.43	13.01	12.59	12.20	11.82	11.47	11.07	10.53	9.91	9.31	8.82	8.53	8.37	8.16
48S	16.09	15.80	15.63	15.46	15.23	14.94	14.64	14.30	13.90	13.48	13.11	12.74	12.33	11.92	11.55	11.28	11.05	10.74
52S	16.18	15.96	15.83	15.70	15.59	15.52	15.44	15.27	14.98	14.65	14.40	14.25	14.11	13.95	13.71	13.45	13.17	12.84
56S	13.01	13.06	13.18	13.30	13.43	13.59	13.74	13.79	13.73	13.66	13.65	13.66	13.79	13.90	13.91	13.84	13.72	13.60
60S	7.74	8.00	8.34	8.70	9.06	9.42	9.76	10.04	10.27	10.48	10.71	10.98	11.28	11.68	12.05	12.36	12.63	12.91
64S	2.11	2.40	2.77	3.19	3.64	4.13	4.61	5.09	5.58	6.05	6.52	6.98	7.51	8.16	8.87	9.59	10.26	10.93
68S	-2.01	-1.88	-1.69	-1.42	-1.04	-0.57	-0.05	0.53	1.17	1.84	2.49	3.15	3.83	4.60	5.45	6.32	7.14	7.92
72S	-2.99	-3.01	-3.02	-2.96	-2.78	-2.48	-2.08	-1.60	-1.03	-0.38	0.27	0.89	1.53	2.17	2.79	3.36	3.85	4.28
76S	-1.74	-1.80	-1.90	-1.98	-1.93	-1.76	-1.55	-1.25	-0.88	-0.50	-0.16	0.16	0.18	0.47	0.63	0.69	0.65	0.55
80S	-0.32	-0.39	-0.52	-0.67	-0.80	-0.94	-1.04	-1.08	-1.09	-1.08	-1.06	-1.07	-1.09	-1.19	-1.40	-1.70	-2.07	-2.49
84S	0.69	0.59	0.42	0.23	0.02	-0.22	-0.48	-0.71	-0.94	-1.20	-1.46	-1.69	-1.97	-2.29	-2.66	-3.08	-3.53	-3.97
88S	1.33	1.15	0.94	0.71	0.46	0.19	-0.10	-0.37	-0.64	-0.96	-1.27	-1.55	-1.84	-2.13	-2.44	-2.74	-3.03	-3.32

Table 5.18

OCTOBER 800-mb MERIDIONAL GEOSTROPHIC (m/sec)

	177.5W	172.5W	167.5W	162.5W	157.5W	152.5W	147.5W	142.5W	137.5W	132.5W	127.5W	122.5W	117.5W	112.5W	107.5W	102.5W	97.5W	92.5W
88N	-0.04	-0.18	-0.32	-0.43	-0.54	-0.64	-0.74	-0.84	-0.88	-0.92	-0.96	-0.95	-0.94	-0.93	-0.90	-0.84	-0.73	-0.62
84N	0.04	-0.17	-0.40	-0.58	-0.75	-0.93	-1.11	-1.25	-1.34	-1.40	-1.43	-1.44	-1.42	-1.38	-1.29	-1.14	-0.91	-0.67
80N	-0.10	-0.30	-0.48	-0.60	-0.69	-0.83	-1.00	-1.16	-1.32	-1.45	-1.58	-1.68	-1.73	-1.73	-1.65	-1.51	-1.26	-0.97
76N	-0.50	-0.58	-0.56	-0.47	-0.35	-0.32	-0.38	-0.52	-0.76	-1.02	-1.32	-1.59	-1.77	-1.87	-1.87	-1.79	-1.63	-1.35
72N	-1.19	-1.06	-0.70	-0.24	0.22	0.55	0.70	0.67	0.40	-0.06	-0.83	-1.19	-1.60	-1.83	-1.93	-1.95	-1.63	-1.35
68N	-2.05	-1.72	-1.00	-0.12	0.76	1.52	2.05	2.29	2.10	1.42	0.44	-0.59	-1.36	-1.75	-1.93	-1.99	-1.92	-1.63
64N	-2.72	-2.31	-1.40	-0.23	1.03	2.24	3.25	3.90	3.94	3.14	1.68	0.08	-1.13	-1.74	-1.94	-1.98	-2.04	-2.06
60N	-2.92	-2.56	-1.69	-0.42	1.08	2.59	3.98	5.06	5.39	4.59	2.79	0.71	-0.89	-1.74	-2.01	-2.02	-2.00	-2.02
56N	-2.64	-2.38	-1.68	-0.53	0.96	2.60	4.16	5.50	6.08	5.40	3.55	1.29	-0.57	-1.71	-2.15	-2.15	-1.95	-1.63
52N	-2.02	-1.87	-1.40	-0.50	0.83	2.33	3.79	5.08	5.74	5.28	3.76	1.78	-0.12	-1.57	-2.33	-2.39	-2.01	-1.66
48N	-1.41	-1.33	-1.05	-0.42	0.63	1.81	2.95	3.90	4.34	4.06	3.20	1.91	0.31	-1.29	-2.33	-2.44	-1.65	-1.26
44N	-1.02	-0.99	-0.82	-0.40	0.32	1.15	1.91	2.39	2.41	2.15	1.87	1.40	0.45	-0.84	-1.83	-1.94	-1.25	-0.91
40N	-0.73	-0.77	-0.67	-0.41	0.01	0.50	0.94	1.02	0.62	0.18	0.16	0.38	0.29	-0.25	-0.85	-0.94	-0.49	0.04
36N	-0.44	-0.54	-0.49	-0.36	-0.21	-0.01	0.17	-0.03	-0.74	-1.44	-1.47	-0.65	-0.08	0.35	0.34	0.24	0.35	0.42
32N	-0.15	-0.26	-0.27	-0.25	-0.30	-0.30	-0.27	-0.61	-1.48	-2.41	-2.63	-1.87	-0.46	0.84	1.37	1.26	1.00	0.64
28N	0.05	-0.09	-0.16	-0.22	-0.37	-0.43	-0.42	-0.73	-1.58	-2.56	-2.95	-2.29	-0.70	1.00	1.85	1.76	1.36	0.84
24N	0.11	-0.08	-0.21	-0.34	-0.50	-0.52	-0.43	-0.59	-1.30	-2.21	-2.66	-2.24	-0.87	0.77	1.74	1.86	1.56	0.76
20N	0.07	-0.18	-0.35	-0.53	-0.66	-0.61	-0.40	-0.40	-0.98	-1.80	-2.27	-2.05	-1.06	0.31	1.31	1.71	1.71	1.31
16N	-0.05	-0.35	-0.55	-0.72	-0.82	-0.67	-0.32	-0.22	-0.67	-1.40	-1.87	-1.82	-1.19	-0.19	0.73	1.32	1.57	1.38
12N	-0.18	-0.50	-0.68	-0.78	-0.81	-0.67	-0.37	-0.07	-0.32	-0.86	-1.32	-1.38	-1.05	-0.46	0.16	0.68	1.01	1.09
8N	-0.31	-0.56	-0.63	-0.63	-0.60	-0.50	-0.22	0.12	0.18	-0.16	-0.62	-0.82	-0.65	-0.31	-0.04	0.15	0.35	0.60
4N	-0.21	-0.39	-0.49	-0.47	-0.37	-0.25	-0.07	0.12	0.22	0.10	-0.22	-0.49	-0.51	-0.30	-0.05	0.17	0.34	0.49
0	0.16	-0.01	-0.34	-0.41	-0.18	0.05	0.07	-0.20	-0.45	-0.43	-0.30	-0.46	-0.80	-0.81	-0.25	0.57	1.05	0.80
4S	0.40	0.28	-0.21	-0.31	0.04	0.30	0.13	-0.54	-1.17	-1.12	-0.63	-0.63	-1.21	-1.37	-0.47	1.00	1.90	1.46
8S	0.02	0.08	-0.17	-0.04	0.34	0.38	-0.02	-0.68	-1.32	-1.42	-1.05	-1.00	-1.43	-1.50	-0.58	1.08	2.44	2.42
12S	-0.62	-0.32	-0.09	0.40	0.68	0.25	-0.43	-0.88	-1.22	-1.40	-1.27	-1.15	-1.22	-1.22	-0.74	0.54	2.25	3.04
16S	-0.91	-0.49	0.03	0.70	0.84	0.02	-0.91	-1.22	-1.26	-1.29	-1.17	-0.91	-0.75	-0.92	-1.07	-0.33	1.43	2.62
20S	-0.86	-0.51	0.00	0.66	0.72	-0.22	-1.21	-1.39	-1.15	-1.00	-0.90	-0.66	-0.46	-0.80	-1.37	-1.03	0.55	4.13
24S	-0.55	-0.42	-0.12	0.37	0.40	-0.40	-1.21	-1.27	-0.86	-0.59	-0.59	-0.53	-0.47	-0.90	-1.57	-1.39	-0.10	4.20
28S	-0.14	-0.26	-0.19	0.10	0.10	-0.47	-0.98	-0.90	-0.43	-0.17	-0.32	-0.51	-0.64	-1.11	-1.65	-1.46	-0.52	0.47
32S	0.18	-0.04	-0.06	0.12	0.06	-0.35	-0.65	-0.49	-0.06	0.16	-0.06	-0.43	-0.73	-1.24	-1.68	-1.53	-0.94	-0.37
36S	0.36	0.23	0.31	0.42	0.27	-0.11	-0.36	-0.22	0.15	0.34	0.07	-0.35	-0.71	-1.20	-1.65	-1.67	-1.42	-1.11
40S	0.47	0.62	0.82	0.81	0.53	0.13	-0.15	-0.07	0.25	0.38	0.08	-0.36	-0.65	-1.03	-1.50	-1.74	-1.75	-1.60
44S	0.53	1.00	1.28	1.10	0.71	0.29	-0.01	0.00	0.25	0.33	-0.00	-0.39	-0.55	-0.79	-1.29	-1.71	-1.65	-1.60
48S	0.40	1.11	1.41	1.10	0.68	0.35	0.10	0.06	0.22	0.20	-0.13	-0.39	-0.39	-0.54	-1.08	-1.57	-1.62	-1.60
52S	-0.05	0.71	0.99	0.70	0.43	0.30	0.14	0.08	0.20	0.12	-0.17	-0.29	-0.20	-0.32	-0.86	-1.27	-1.16	-1.40
56S	-0.52	0.07	0.30	0.16	0.10	0.12	0.04	0.04	0.20	0.16	-0.03	-0.08	0.00	-0.14	-0.59	-0.88	-0.60	-0.68
60S	-0.50	-0.18	-0.06	-0.15	-0.15	-0.15	-0.21	-0.14	0.10	0.20	0.12	0.10	0.12	-0.05	-0.40	-0.58	-0.41	-0.45
64S	0.28	0.14	0.14	-0.08	-0.26	-0.46	-0.62	-0.55	-0.28	-0.08	-0.04	-0.03	-0.07	-0.23	-0.47	-0.54	-0.42	-0.35
68S	1.83	1.50	0.98	0.39	-0.20	-0.76	-1.16	-1.23	-1.06	-0.88	-0.80	-0.78	-0.80	-0.88	-0.96	-0.91	-0.75	-0.69
72S	3.50	2.88	2.00	0.98	-0.04	-0.98	-1.69	-2.07	-2.17	-2.16	-2.17	-2.12	-2.12	-2.04	-1.91	-1.65	-1.35	-1.11
76S	4.38	3.59	2.54	1.32	0.07	-1.06	-2.01	-2.70	-3.10	-3.32	-3.47	-3.52	-3.42	-3.21	-2.92	-2.46	-1.54	-1.11
80S	4.24	3.45	2.47	1.34	0.17	-0.94	-1.93	-2.73	-3.31	-3.69	-3.95	-4.05	-3.95	-3.76	-3.46	-2.96	-2.55	-1.60
84S	3.39	2.74	2.01	1.17	0.30	-0.55	-1.34	-2.04	-2.61	-3.04	-3.36	-3.52	-3.50	-3.44	-3.31	-2.96	-2.47	-1.60
88S	2.21	1.82	1.42	0.97	0.51	0.04	-0.42	-0.84	-1.21	-1.57	-1.88	-2.09	-2.22	-2.35	-2.44	-2.44	-2.47	-2.02

Table 5.18--Continued

	87.5W	82.5W	77.5W	72.5W	67.5W	62.5W	57.5W	52.5W	47.5W	42.5W	37.5W	32.5W	27.5W	22.5W	17.5W	12.5W	7.5W	2.5W
88N	-0.55	-0.45	-0.35	-0.29	-0.21	-0.13	-0.11	-0.13	-0.13	-0.13	-0.10	-0.11	-0.13	-0.11	-0.11	-0.11	-0.07	-0.03
84N	-0.44	-0.20	0.06	0.27	0.46	0.60	0.65	0.60	0.52	0.44	0.32	0.17	0.03	-0.07	-0.10	-0.20	-0.17	-0.03
80N	-0.66	-0.28	0.12	0.50	0.84	1.11	1.26	1.13	1.03	0.95	0.71	0.42	0.15	-0.04	-0.13	-0.12	-0.01	0.13
76N	-1.10	-0.68	-0.19	0.33	0.84	1.25	1.52	1.59	1.47	1.26	0.97	0.64	0.36	0.18	0.17	0.27	0.50	1.11
72N	-1.64	-1.29	-0.81	-0.24	0.38	0.92	1.29	1.44	1.39	1.24	1.05	0.88	0.60	0.80	0.90	1.10	1.41	1.77
68N	-2.03	-1.63	-1.46	-0.95	-0.35	0.22	0.61	0.80	0.84	0.87	0.99	1.22	1.54	1.84	2.07	2.25	2.50	2.80
64N	-2.14	-2.05	-1.82	-1.46	-0.96	-0.45	-0.11	0.05	0.18	0.45	0.96	1.62	2.30	2.85	3.15	3.22	3.26	3.35
60N	-2.03	-1.96	-1.86	-1.66	-1.27	-0.82	-0.52	-0.34	-0.09	0.37	1.10	1.95	2.73	3.34	3.62	3.56	3.57	3.60
56N	-1.71	-1.61	-1.60	-1.54	-1.24	-0.84	-0.52	-0.25	0.11	0.67	1.39	2.09	2.67	3.13	3.34	3.18	2.84	2.63
52N	-1.20	-1.02	-1.08	-1.14	-0.91	-0.64	-0.44	-0.19	0.61	1.13	1.62	2.11	2.61	2.90	2.99	2.19	1.82	1.61
48N	-0.55	-0.29	-0.39	-0.54	-0.35	0.07	0.40	0.67	0.98	1.28	1.44	1.36	1.19	1.14	1.11	0.91	0.63	0.52
44N	0.02	0.25	0.17	0.06	0.26	0.64	0.88	0.97	1.02	1.02	0.86	0.56	0.20	-0.00	-0.09	-0.23	-0.36	-0.33
40N	0.31	0.39	0.41	0.53	0.86	1.20	1.30	1.16	0.94	0.68	0.30	-0.23	-0.73	-0.98	-1.02	-1.02	-0.94	-0.76
36N	0.30	0.22	0.44	0.91	1.41	1.72	1.67	1.33	0.87	0.40	-0.18	-0.92	-1.56	-1.81	-1.67	-1.37	-1.03	-0.69
32N	0.11	-0.06	0.44	1.26	1.90	2.12	1.93	1.45	0.87	0.28	-0.50	-1.46	-2.24	-2.42	-1.96	-1.26	-0.81	-0.43
28N	0.09	-0.07	0.61	1.59	2.19	2.26	1.94	1.41	0.86	0.26	-0.63	-1.74	-2.57	-2.60	-1.83	-0.76	-0.31	0.07
24N	0.37	0.26	1.00	1.88	2.23	2.13	1.75	1.24	0.79	0.26	-0.64	-1.77	-2.48	-2.34	-1.37	-0.15	0.78	1.23
20N	0.76	0.83	1.60	2.17	2.10	1.82	1.47	1.05	0.69	0.24	-0.61	-1.62	-2.15	-1.85	-0.86	0.26	1.06	1.32
16N	1.14	1.57	2.37	2.44	1.80	1.33	1.10	0.82	0.57	0.22	-0.50	-1.30	-1.62	-1.29	-0.52	0.31	0.88	0.97
12N	1.33	2.22	2.98	2.45	1.19	0.55	0.53	0.49	0.39	0.21	-0.26	-0.74	-0.89	-0.73	-0.41	-0.02	0.32	0.32
8N	1.20	2.27	2.84	2.00	0.57	-0.10	-0.01	0.19	0.36	0.39	0.11	-0.20	-0.30	-0.36	-0.48	-0.44	-0.21	-0.11
4N	0.79	1.60	2.16	1.60	0.39	-0.39	-0.47	-0.22	0.14	0.35	0.28	0.15	0.04	0.24	-0.59	-0.57	-0.20	0.03
0	0.36	0.69	1.55	1.62	0.56	-0.65	-1.13	-0.98	-0.64	-0.30	0.09	0.42	0.36	-0.16	-0.63	-0.41	0.31	0.70
4S	0.31	0.12	1.22	1.88	0.81	-0.97	-1.94	-1.95	-1.67	-1.22	-0.37	0.47	0.59	-0.03	-0.50	-0.01	1.06	1.56
8S	1.20	0.63	1.60	2.31	0.94	-1.50	-2.95	-3.09	-2.78	-2.21	-1.12	0.08	0.58	0.23	0.01	0.75	1.91	2.31
12S	2.35	1.65	2.25	2.71	1.11	-1.73	-3.60	-3.97	-3.68	-3.05	-1.93	-0.57	0.34	0.50	0.65	1.51	2.48	2.85
16S	2.73	2.13	2.43	2.81	1.44	-1.28	-3.41	-4.14	-3.97	-3.30	-2.21	-0.92	0.11	0.55	0.91	1.70	2.36	2.33
20S	2.48	2.09	2.24	2.61	1.68	-0.57	-2.69	-3.66	-3.54	-2.78	-1.81	-0.86	-0.08	0.35	0.74	1.35	1.70	1.51
24S	1.82	1.73	1.90	2.24	1.71	0.09	-1.73	-2.73	-2.60	-1.77	-1.04	-0.62	-0.29	0.02	0.36	0.77	0.87	0.50
28S	0.99	1.21	1.56	1.90	1.63	0.61	-0.73	-1.58	-1.45	-1.04	-0.36	-0.49	-0.53	-0.29	0.04	0.29	0.22	-0.17
32S	0.07	0.60	1.31	1.84	1.78	1.14	0.19	-0.51	-0.48	-0.06	-0.08	-0.54	-0.70	-0.39	-0.05	0.06	-0.08	-0.46
36S	-0.81	-0.02	1.15	2.10	2.25	1.70	0.86	0.22	0.12	0.26	-0.02	-0.58	-0.66	-0.28	0.02	0.03	-0.12	-0.35
40S	-1.41	-0.52	1.01	2.34	2.67	2.09	1.20	0.61	0.52	0.53	0.12	-0.43	-0.47	-0.11	0.13	0.12	0.02	-0.07
44S	-1.63	-0.81	0.78	2.30	2.77	2.19	1.32	0.87	0.93	0.95	0.51	-0.05	-0.17	0.06	0.24	0.28	0.28	0.29
48S	-1.37	-0.85	0.43	1.81	2.35	2.00	1.41	1.25	1.55	1.69	1.27	0.63	0.29	0.28	0.39	0.52	0.61	0.62
52S	-0.84	-0.70	0.03	1.01	1.60	1.69	1.61	1.80	2.31	2.60	2.24	1.52	0.96	0.69	0.68	0.84	0.94	0.87
56S	-0.45	-0.56	-0.31	0.29	0.92	1.42	1.81	2.24	2.84	3.24	2.98	2.28	1.60	1.12	0.95	1.07	1.20	1.16
60S	-0.35	-0.58	-0.59	-0.22	0.42	1.14	1.79	2.35	2.94	3.37	3.21	2.54	1.78	1.17	0.89	1.01	1.25	1.49
64S	-0.51	-0.75	-0.82	-0.58	0.02	0.81	1.54	2.12	2.64	2.98	2.80	2.13	1.29	0.62	0.35	0.59	1.16	1.72
68S	-0.79	-0.94	-0.97	-0.75	-0.23	0.50	1.19	1.69	2.04	2.15	1.80	1.04	0.16	-0.50	-0.64	-0.16	0.72	1.65
72S	-0.99	-0.94	-0.82	-0.55	-0.13	0.42	0.92	1.20	1.25	1.00	0.40	-0.41	-1.20	-1.70	-1.67	-1.02	0.01	1.05
76S	-1.14	-0.85	-0.55	-0.23	0.11	0.42	0.61	0.60	0.35	-0.16	-0.84	-0.54	-2.09	-2.37	-2.24	-1.65	-0.75	0.07
80S	-1.36	-0.98	-0.62	-0.29	-0.06	0.05	0.01	-0.20	-0.57	-1.06	-1.58	-2.03	-2.33	-2.47	-2.37	-1.98	-1.38	-0.86
84S	-1.72	-1.46	-1.17	-0.98	-0.88	-0.88	-0.99	-1.21	-1.48	-1.74	-1.99	-2.18	-2.29	-2.34	-2.31	-2.14	-1.81	-1.54
88S	-2.26	-2.25	-2.19	-2.18	-2.21	-2.25	-2.30	-2.38	-2.46	-2.50	-2.51	-2.49	-2.46	-2.39	-2.31	-2.18	-1.99	-1.80

Table 5.18--Continued

	2.5E	7.5E	12.5E	17.5E	22.5E	27.5E	32.5E	37.5E	42.5E	47.5E	52.5E	57.5E	62.5E	67.5E	72.5E	77.5E	82.5E	87.5E
88N	-0.00	0.05	0.10	0.15	0.20	0.23	0.27	0.32	0.35	0.38	0.43	0.45	0.46	0.49	0.51	0.54	0.53	0.50E
84N	-0.08	-0.04	-0.01	-0.00	-0.01	-0.04	-0.08	-0.11	-0.13	-0.16	-0.15	-0.13	-0.09	-0.01	0.08	0.54	0.53	0.54
80N	0.25	0.32	0.31	0.20	0.02	-0.20	-0.42	-0.64	-0.83	-0.95	-0.96	-0.90	-0.76	-0.53	-0.30	-0.05	0.18	0.50
76N	0.97	1.03	0.93	0.63	0.19	-0.30	-0.78	-1.25	-1.63	-1.85	-1.88	-1.72	-1.39	-0.94	-0.49	-0.08	0.26	0.55
72N	2.00	1.99	1.68	1.10	0.38	-0.40	-1.18	-1.88	-2.43	-2.73	-2.73	-2.43	-1.85	-1.14	-0.44	0.12	0.54	0.78
68N	2.96	2.80	2.24	1.38	0.40	-0.56	-1.48	-2.28	-2.89	-3.22	-3.18	-2.76	-2.00	-1.09	-0.21	0.48	0.53	1.11
64N	3.39	3.11	2.39	1.37	0.27	-0.70	-1.53	-2.22	-2.75	-3.09	-3.08	-2.65	-1.86	-0.90	0.03	0.80	0.93	1.28
60N	3.23	2.94	2.23	1.22	0.15	-0.74	-1.35	-1.78	-2.13	-2.45	-2.56	-2.25	-1.56	-0.69	0.21	0.95	1.34	1.23
56N	2.58	2.40	1.91	1.10	0.14	-0.64	-1.04	-1.15	-1.24	-1.51	-1.74	-1.61	-1.12	-0.43	0.31	0.96	1.44	0.94
52N	1.64	1.69	1.57	1.11	0.32	-0.43	-0.70	-0.49	-0.28	-0.47	-0.78	-0.81	-0.54	-0.10	0.38	0.83	0.93	0.95
48N	0.67	1.00	1.32	1.24	0.62	-0.15	-0.39	0.01	0.45	0.38	0.04	-0.16	-0.10	0.15	0.46	0.71	0.61	0.03
44N	-0.06	0.49	1.14	1.35	0.83	0.06	-0.21	0.24	0.81	0.64	0.40	-0.10	-0.23	0.10	0.58	0.78	0.52	-0.06
40N	-0.41	0.24	0.99	1.27	0.78	0.03	-0.23	0.25	0.87	0.87	0.13	-0.74	-0.92	-0.17	0.76	1.03	0.61	0.09
36N	-0.30	0.25	0.83	0.94	0.40	-0.28	-0.41	0.12	0.69	0.46	-0.70	-1.85	-1.80	-0.41	0.99	1.23	0.67	0.31
32N	0.21	0.49	0.63	0.35	-0.34	-0.85	-0.56	0.05	0.46	-0.22	-1.83	-3.04	-2.45	-0.40	1.15	1.08	0.38	0.34
28N	0.80	0.62	0.20	-0.53	-1.33	-1.55	-0.83	0.20	0.40	-0.85	-2.79	-3.67	-2.44	-0.15	0.98	0.38	-0.30	0.20
24N	1.05	0.39	-0.47	-1.41	-2.14	-2.01	-0.78	0.54	0.51	-1.21	-3.14	-3.59	-2.00	-0.03	0.37	-0.60	-0.94	0.23
20N	0.86	-0.08	-1.05	-1.86	-2.33	-1.93	-0.50	0.85	0.57	-1.33	-3.11	-3.15	-1.64	-0.29	-0.47	-1.42	-1.42	0.04
16N	0.40	-0.57	-1.25	-1.67	-1.79	-1.30	-0.07	0.92	0.44	-1.32	-2.68	-2.54	-1.49	-0.85	-1.33	-1.89	-0.95	1.06
12N	-0.05	-0.54	-0.84	-0.79	-0.64	-0.27	0.36	0.67	0.04	-1.19	-1.93	-1.80	-1.41	-1.42	-1.86	-1.85	-0.50	1.50
8N	-0.18	-0.19	-0.06	0.11	0.27	0.52	0.66	0.33	-0.44	-1.11	-1.29	-1.25	-1.39	-1.71	-1.91	-1.50	-0.20	1.43
4N	0.03	0.03	0.12	0.21	0.35	0.55	0.51	0.10	-0.37	-0.57	-0.60	-0.71	-1.01	-1.33	-1.40	-0.95	0.04	1.05
0	0.40	-0.22	-0.54	-0.38	-0.07	0.01	-0.15	-0.08	0.34	0.63	0.48	0.14	-0.10	-0.31	-0.44	-0.17	0.40	0.76
4S	0.90	-0.39	-1.24	-1.14	-0.70	-0.70	-0.80	-0.17	1.02	1.67	1.34	0.83	0.73	0.71	0.48	0.51	0.80	0.58
8S	1.52	0.08	-1.16	-1.59	-1.42	-1.25	-0.98	-0.10	1.08	1.64	1.29	0.79	0.84	1.05	0.86	0.74	0.95	0.69
12S	1.99	0.84	-0.57	-1.72	-2.02	-1.54	-0.75	0.05	0.62	0.76	0.51	0.26	0.51	0.94	0.86	0.72	1.01	0.99
16S	1.90	1.20	-0.13	-1.69	-2.31	-1.65	-0.52	0.13	0.12	-0.06	-0.10	-0.03	0.35	0.85	0.89	0.75	1.04	1.15
20S	1.33	1.16	0.17	-1.45	-2.27	-1.61	-0.40	0.10	-0.26	-0.51	-0.24	0.04	0.31	0.68	0.78	0.70	0.96	1.10
24S	0.56	0.82	0.30	-1.08	-1.96	-1.46	-0.36	-0.01	-0.48	-0.59	-0.04	0.31	0.34	0.46	0.59	0.66	0.88	0.97
28S	-0.15	0.32	0.21	-0.76	-1.54	-1.23	-0.32	-0.05	-0.47	-0.41	0.27	0.56	0.37	0.29	0.47	0.74	0.98	0.98
32S	-0.51	-0.12	-0.06	-0.62	-1.16	-0.91	-0.12	0.17	-0.14	-0.07	0.47	0.63	0.39	0.29	0.49	0.87	1.17	1.11
36S	-0.45	-0.31	-0.29	-0.60	-0.89	-0.60	0.14	0.52	0.32	0.26	0.49	0.56	0.48	0.47	0.58	0.91	1.23	1.16
40S	-0.16	-0.24	-0.36	-0.56	-0.68	-0.42	0.25	0.72	0.63	0.44	0.40	0.49	0.66	0.74	0.69	0.85	1.15	1.14
44S	0.19	-0.06	-0.29	-0.40	-0.47	-0.32	0.25	0.74	0.76	0.51	0.32	0.50	0.95	1.09	0.83	0.78	1.01	0.99
48S	0.44	0.10	-0.12	-0.12	-0.18	-0.14	0.27	0.73	0.82	0.57	0.36	0.64	1.28	1.45	1.01	0.74	0.82	0.70
52S	0.61	0.28	0.16	0.24	0.21	0.14	0.32	0.64	0.74	0.54	0.38	0.75	1.48	1.69	1.19	0.77	0.62	0.60
56S	0.95	0.71	0.65	0.70	0.55	0.22	0.05	0.09	0.13	0.06	0.11	0.64	1.45	1.75	1.34	0.87	0.61	0.43
60S	1.52	1.44	1.37	1.21	0.68	-0.10	-0.75	-1.05	-1.07	-0.88	-0.44	0.36	1.29	1.69	1.41	0.96	0.64	0.33
64S	2.10	2.21	2.07	1.58	0.59	-0.67	-1.79	-2.38	-2.37	-1.88	-1.04	0.02	1.01	1.45	1.26	0.85	0.57	0.45
68S	2.32	2.56	2.32	1.58	0.31	-1.20	-2.52	-3.22	-3.17	-2.49	-1.44	-0.33	0.58	0.95	0.79	0.47	0.31	0.47
72S	1.72	1.94	1.68	0.98	-0.09	-1.32	-2.92	-2.88	-2.33	-1.49	-0.65	-0.65	-0.03	0.78	0.10	-0.03	0.03	0.39
76S	0.53	0.67	0.50	0.09	-0.48	-1.13	-1.70	-1.97	-1.95	-1.70	-1.28	-0.85	-0.44	-0.44	-0.36	-0.26	0.00	0.44
80S	-0.60	-0.52	-0.53	-0.62	-0.76	-0.94	-1.11	-1.17	-1.15	-1.07	-0.92	-0.75	-0.64	-0.53	-0.36	-0.09	0.29	0.72
84S	-1.40	-1.30	-1.16	-1.02	-0.90	-0.80	-0.69	-0.59	-0.51	-0.42	-0.32	-0.22	-0.14	-0.02	0.18	0.49	0.67	1.22
88S	-1.65	-1.46	-1.24	-1.01	-0.78	-0.55	-0.30	-0.09	0.09	0.30	0.51	0.68	0.84	1.01	1.22	1.46	1.72	1.97



Table 5.18--Continued

	92.5E	97.5E	102.5E	107.5E	112.5E	117.5E	122.5E	127.5E	132.5E	137.5E	142.5E	147.5E	152.5E	157.5E	162.5E	167.5E	172.5E	177.5E
88N	0.58	0.59	0.61	0.65	0.67	0.67	0.68	0.69	0.68	0.66	0.62	0.57	0.53	0.46	0.39	0.30	0.17	0.06
84N	0.44	0.52	0.62	0.71	0.82	0.90	0.99	1.08	1.11	1.13	1.14	1.11	1.05	0.96	0.85	0.67	0.44	0.24
80N	0.47	0.57	0.68	0.79	0.89	1.00	1.14	1.27	1.35	1.40	1.44	1.44	1.35	1.22	1.03	0.75	0.43	0.14
76N	0.62	0.68	0.72	0.76	0.81	0.91	1.05	1.17	1.26	1.36	1.45	1.46	1.39	1.25	0.94	0.65	0.16	-0.07
72N	0.84	0.79	0.68	0.59	0.54	0.56	0.64	0.73	0.82	0.96	1.10	1.19	1.19	1.01	0.62	0.05	-0.27	-1.00
68N	1.01	0.77	0.47	0.21	-0.00	-0.11	-0.14	-0.12	-0.02	0.18	0.45	0.70	0.83	0.70	0.25	-0.48	-1.28	-1.68
64N	0.99	0.51	0.04	-0.38	-0.74	-0.99	-1.13	-1.16	-1.05	-0.77	-0.34	0.13	0.42	0.39	-0.01	-0.78	-1.74	-2.50
60N	0.71	0.03	-0.59	-1.10	-1.54	-1.88	-2.04	-2.02	-1.87	-1.56	-1.04	-0.43	-0.00	0.07	-0.18	-0.83	-1.75	-2.64
56N	0.20	-0.63	-1.31	-1.86	-2.33	-2.67	-2.75	-2.56	-2.28	-1.94	-1.43	-0.82	-0.39	-0.23	-0.30	-0.71	-1.55	-2.35
52N	-0.42	-1.28	-1.94	-2.50	-2.99	-3.29	-3.21	-2.72	-2.17	-1.73	-1.29	-0.86	-0.57	-0.38	-0.38	-0.56	-1.12	-1.75
48N	-0.78	-1.50	-2.07	-2.64	-3.21	-3.54	-3.33	-2.54	-1.60	-0.92	-0.51	-0.30	-0.29	-0.44	-0.44	-0.81	-1.23	-1.83
44N	-0.63	-1.06	-1.52	-2.12	-2.77	-3.22	-3.08	-2.16	-0.92	0.06	0.54	0.59	0.35	0.07	-0.10	-0.29	-0.59	-0.88
40N	-0.14	-0.23	-0.53	-1.11	-1.83	-2.47	-2.55	-1.74	-0.39	0.78	1.35	1.35	0.97	0.51	0.18	-0.07	-0.33	-0.58
36N	0.48	0.76	0.66	0.13	-0.68	-1.52	-1.90	-1.35	-0.09	1.11	1.75	1.77	1.35	0.80	0.37	0.13	-0.06	-0.26
32N	1.02	1.69	1.81	1.31	0.36	-0.70	-1.31	-1.01	-0.02	1.05	1.72	1.81	1.43	0.87	0.42	0.24	0.17	0.03
28N	1.40	2.30	2.49	1.98	0.92	-0.24	-0.91	-0.77	-0.04	0.82	1.43	1.59	1.33	0.82	0.42	0.31	0.33	0.23
24N	1.74	2.48	2.43	1.86	0.88	-0.10	-0.62	-0.51	0.03	0.66	1.14	1.34	1.20	0.81	0.47	0.39	0.42	0.31
20N	2.16	2.37	1.77	1.11	0.49	-0.04	-0.29	-0.16	0.22	0.61	0.93	1.13	1.12	0.86	0.59	0.47	0.43	0.30
16N	2.54	2.09	0.84	0.10	-0.02	0.04	0.11	0.21	0.42	0.58	0.72	0.91	1.01	0.90	0.68	0.51	0.41	0.24
12N	2.55	1.64	0.00	-0.76	-0.43	0.14	0.40	0.44	0.46	0.45	0.45	0.57	0.72	0.70	0.57	0.44	0.34	0.13
8N	2.11	1.17	-0.42	-1.11	-0.61	0.11	0.42	0.36	0.36	0.27	0.21	0.22	0.40	0.34	0.26	0.25	0.22	0.03
4N	1.53	0.59	-0.52	-1.01	-0.65	-0.04	0.34	0.39	0.23	0.07	0.06	0.06	0.30	0.20	0.08	0.04	0.04	-0.04
0	0.36	-0.20	-0.53	-0.71	-0.68	-0.26	0.32	0.44	0.08	-0.20	-0.06	0.28	0.44	0.37	0.14	-0.15	-0.23	-0.02
4S	-0.39	-0.82	-0.43	-0.36	-0.74	-0.55	0.23	0.48	-0.05	-0.41	-0.11	0.44	0.75	0.69	0.30	-0.28	-0.39	-0.11
8S	-0.39	-0.80	-0.18	-0.10	-0.93	-1.04	-0.10	0.38	-0.08	-0.42	0.00	0.76	1.20	1.07	0.50	-0.27	-0.77	-0.53
12S	0.13	-0.29	0.28	0.24	-1.02	-1.65	-0.84	-0.03	-0.01	-0.06	0.45	1.26	1.69	1.45	0.79	-0.10	-0.90	-1.04
16S	0.51	0.16	0.78	0.80	-0.72	-2.01	-1.69	-0.65	0.07	0.50	1.06	1.68	1.94	1.71	1.12	0.16	-0.84	-1.21
20S	0.62	0.41	1.13	1.36	-0.13	-1.89	-2.14	-1.11	0.10	0.91	1.41	1.74	1.83	1.69	1.32	0.47	-0.56	-1.03
24S	0.61	0.50	1.24	1.66	0.50	-1.33	-2.03	-1.25	0.02	0.94	1.34	1.44	1.41	1.40	1.28	0.64	-0.22	-0.60
28S	0.64	0.50	1.03	1.49	0.83	-0.62	-1.47	-1.11	-0.19	0.52	0.86	0.93	0.86	0.90	0.94	0.55	0.03	-0.13
32S	0.71	0.40	0.55	0.89	0.65	-0.22	-0.90	-0.90	-0.49	-0.13	0.18	0.34	0.28	0.29	0.36	0.25	0.15	0.23
36S	0.74	0.25	0.09	0.24	0.17	-0.27	-0.71	-0.84	-0.77	-0.67	-0.46	-0.30	-0.33	-0.39	-0.27	-0.09	0.17	0.39
40S	0.72	0.17	-0.14	-0.20	-0.32	-0.63	-0.91	-1.00	-1.02	-1.06	-1.02	-0.97	-1.06	-1.09	-0.83	-0.36	0.12	0.39
44S	0.59	0.11	-0.23	-0.47	-0.76	-1.2	-1.34	-1.34	-1.32	-1.44	-1.56	-1.65	-1.79	-1.75	-1.30	-0.57	0.01	0.27
48S	0.30	-0.07	-0.36	-0.69	-1.13	-1.57	-1.81	-1.82	-1.78	-1.90	-2.09	-2.26	-2.42	-2.31	-1.71	-0.82	-0.21	-0.00
52S	-0.09	-0.38	-0.58	-0.93	-1.39	-1.81	-2.13	-2.28	-2.33	-2.40	-2.50	-2.63	-2.79	-2.72	-2.13	-1.23	-0.64	-0.40
56S	-0.20	-0.44	-0.61	-0.97	-1.38	-1.78	-2.21	-2.55	-2.72	-2.76	-2.72	-2.74	-2.89	-2.92	-2.45	-1.65	-1.05	-0.85
60S	0.07	-0.04	-0.20	-0.57	-0.91	-1.46	-2.00	-2.50	-2.78	-2.83	-2.71	-2.63	-2.71	-2.73	-2.36	-1.61	-0.90	-0.70
64S	0.49	0.60	0.54	0.20	-0.29	-0.83	-1.45	-2.04	-2.40	-2.50	-2.37	-2.20	-2.12	-2.00	-1.56	-0.77	-0.07	0.23
68S	0.82	1.17	1.30	1.09	0.64	0.10	-0.51	-1.09	-1.47	-1.60	-1.50	-1.27	-0.98	-0.59	-0.05	0.93	1.68	1.93
72S	0.92	1.42	1.74	1.76	1.53	1.19	0.77	0.36	0.08	-0.04	0.03	0.29	0.74	1.32	2.08	2.94	3.58	3.77
76S	0.96	1.49	1.93	2.17	2.22	2.19	2.06	1.90	1.79	1.74	1.82	2.09	2.52	3.06	3.69	4.32	4.75	4.79
80S	1.16	1.63	2.07	2.41	2.65	2.84	2.96	3.01	3.05	3.09	3.20	3.43	3.73	4.05	4.38	4.71	4.88	4.74
84S	1.54	1.88	2.22	2.54	2.82	3.08	3.30	3.47	3.60	3.70	3.80	3.93	4.04	4.09	4.11	4.15	4.12	3.88
88S	2.18	2.38	2.56	2.74	2.91	3.06	3.17	3.26	3.33	3.37	3.37	3.35	3.31	3.19	3.04	2.92	2.77	2.55



	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75	-44.75
86N	-45.11	-44.99	-44.99	-44.87	-44.83	-44.71	-44.59	-44.55	-44.47	-44.35	-44.35	-44.27	-44.15	-44.15	-43.99	-43.87	-43.71	-43.63
82N	-45.05	-44.93	-44.87	-44.75	-44.64	-44.43	-44.31	-44.14	-44.01	-43.80	-43.68	-43.52	-43.28	-43.16	-42.90	-42.78	-42.46	-42.27
78N	-44.31	-44.27	-44.21	-44.19	-44.08	-43.87	-43.67	-43.34	-43.15	-42.88	-42.64	-42.40	-42.14	-41.94	-41.68	-41.50	-41.08	-40.85
74N	-43.05	-43.13	-43.16	-43.27	-43.22	-43.08	-42.75	-42.30	-42.01	-41.68	-41.33	-41.03	-40.80	-40.58	-40.37	-40.06	-39.64	-39.43
70N	-41.85	-42.05	-42.20	-42.35	-42.30	-42.20	-41.95	-41.50	-40.60	-40.05	-39.75	-39.40	-39.10	-38.85	-38.59	-38.26	-37.92	-37.92
66N	-40.61	-40.77	-41.00	-41.19	-41.22	-41.16	-41.03	-40.54	-40.13	-39.52	-38.85	-38.27	-37.68	-37.34	-37.09	-36.86	-36.56	-36.59
62N	-39.28	-39.52	-39.77	-39.91	-39.99	-39.97	-39.66	-39.16	-38.73	-38.20	-37.47	-36.82	-36.14	-35.73	-35.36	-35.13	-34.96	-35.01
58N	-37.46	-37.88	-38.15	-38.27	-38.31	-38.23	-37.76	-37.28	-36.73	-36.28	-35.63	-35.08	-34.42	-33.85	-33.48	-33.33	-33.42	-33.59
54N	-35.18	-35.75	-36.10	-36.22	-35.87	-35.36	-34.94	-34.30	-33.66	-33.38	-32.98	-32.43	-31.77	-31.55	-31.58	-31.95	-32.19	-32.19
50N	-32.90	-33.35	-33.90	-33.90	-33.60	-33.15	-32.60	-32.30	-31.90	-30.50	-31.10	-30.70	-30.35	-30.05	-29.95	-30.10	-30.72	-31.45
46N	-30.90	-31.19	-31.78	-31.70	-31.04	-30.27	-29.64	-29.42	-29.22	-28.78	-28.82	-28.62	-28.35	-28.33	-28.51	-28.82	-29.47	-29.93
42N	-29.08	-29.21	-29.45	-29.35	-28.27	-27.51	-27.01	-26.78	-26.72	-26.64	-26.60	-26.57	-26.53	-26.61	-27.04	-27.51	-28.25	-28.84
38N	-27.26	-27.31	-27.19	-26.51	-25.77	-25.23	-24.89	-24.68	-24.66	-24.70	-24.70	-24.77	-24.89	-25.05	-25.56	-26.17	-26.93	-27.50
34N	-25.33	-25.37	-25.08	-24.40	-23.82	-23.55	-23.33	-23.16	-23.12	-23.20	-23.19	-23.30	-23.46	-23.73	-24.18	-24.86	-25.53	-25.96
30N	-23.25	-23.25	-23.00	-22.80	-22.50	-22.35	-22.25	-22.00	-22.00	-21.95	-22.10	-22.30	-22.65	-23.10	-23.70	-24.42	-24.96	-24.96
26N	-21.49	-21.65	-21.68	-21.52	-21.38	-21.23	-21.13	-21.04	-21.00	-20.92	-20.91	-20.90	-21.14	-21.45	-21.98	-22.54	-22.97	-23.16
22N	-20.12	-20.35	-20.51	-20.54	-20.56	-20.47	-20.40	-20.23	-20.12	-19.93	-19.81	-19.76	-19.95	-20.16	-20.95	-21.47	-21.66	-21.78
18N	-19.24	-19.49	-19.75	-19.92	-20.00	-19.97	-19.90	-19.57	-19.34	-19.13	-19.01	-18.98	-19.07	-19.18	-19.91	-20.45	-20.52	-20.50
14N	-18.75	-18.99	-19.34	-19.56	-19.71	-19.71	-19.54	-19.11	-18.76	-18.63	-18.61	-18.61	-18.61	-18.66	-19.00	-19.54	-19.66	-19.63
10N	-18.35	-18.55	-18.90	-19.20	-19.75	-19.75	-19.30	-18.95	-18.60	-18.55	-18.45	-18.45	-18.45	-18.50	-18.60	-18.90	-19.16	-19.03
6N	-18.31	-18.43	-18.70	-19.28	-19.83	-19.59	-19.30	-18.91	-18.60	-18.53	-18.53	-18.57	-18.57	-18.62	-18.64	-18.70	-18.90	-18.93
2N	-18.57	-18.58	-18.80	-19.27	-19.49	-19.25	-19.15	-18.93	-18.72	-18.64	-18.64	-18.69	-18.71	-18.77	-18.77	-18.77	-18.82	-18.82
25	-18.97	-18.92	-19.02	-19.09	-19.03	-18.91	-18.87	-18.83	-18.84	-18.92	-18.96	-19.00	-19.03	-19.03	-19.05	-19.03	-18.98	-18.96
65	-19.46	-19.40	-19.31	-18.92	-18.74	-18.73	-18.66	-18.74	-19.04	-19.38	-19.53	-19.63	-19.64	-19.63	-19.53	-19.47	-19.43	-19.31
105	-20.10	-20.00	-19.75	-19.20	-18.90	-18.85	-18.90	-19.10	-19.60	-20.25	-20.35	-20.40	-20.40	-20.35	-20.25	-20.15	-20.00	-19.73
145	-20.78	-20.60	-20.39	-20.00	-19.62	-19.49	-19.58	-19.74	-20.12	-20.46	-20.89	-21.23	-21.36	-21.31	-21.21	-21.03	-20.80	-20.55
185	-21.91	-21.65	-21.45	-21.07	-20.67	-20.37	-20.32	-20.41	-20.79	-21.17	-21.77	-22.14	-22.35	-22.39	-22.41	-22.24	-22.02	-21.71
225	-23.63	-23.41	-23.11	-22.65	-22.19	-21.67	-21.40	-21.43	-21.85	-22.25	-22.87	-23.24	-23.53	-23.65	-23.71	-23.60	-23.40	-23.09
265	-25.84	-25.75	-25.32	-24.80	-24.21	-23.50	-23.02	-23.00	-23.40	-23.79	-24.27	-24.64	-24.96	-25.08	-25.08	-25.03	-24.87	-24.64
305	-28.20	-28.15	-27.80	-27.40	-26.65	-25.90	-25.20	-25.20	-25.96	-26.15	-26.40	-26.60	-26.60	-26.60	-26.60	-26.55	-26.35	-26.46
345	-30.36	-30.39	-30.16	-29.88	-29.33	-28.78	-28.18	-28.00	-27.96	-28.11	-28.27	-28.44	-28.56	-28.64	-28.60	-28.55	-28.51	-28.48
385	-32.37	-32.36	-32.22	-32.00	-31.71	-31.42	-31.03	-30.80	-30.70	-30.74	-30.75	-30.84	-30.82	-30.86	-30.78	-30.76	-30.71	-30.68
425	-34.29	-34.26	-34.20	-34.08	-33.95	-33.82	-33.61	-33.44	-33.36	-33.34	-33.31	-33.28	-33.20	-33.24	-33.14	-33.10	-33.07	-33.04
465	-36.16	-36.16	-36.17	-36.16	-36.08	-36.00	-35.88	-35.83	-35.76	-35.73	-35.74	-35.64	-35.58	-35.68	-35.61	-35.52	-35.45	-35.35
505	-38.00	-38.00	-38.05	-38.00	-38.00	-38.00	-37.92	-37.92	-37.90	-37.85	-37.90	-38.00	-37.90	-38.00	-38.05	-38.00	-38.05	-38.05
545	-39.72	-39.72	-39.77	-39.76	-39.72	-39.76	-39.75	-39.74	-39.77	-39.82	-39.88	-39.90	-39.92	-39.92	-40.01	-40.12	-40.29	-40.36
585	-41.53	-41.53	-41.55	-41.55	-41.53	-41.50	-41.52	-41.49	-41.49	-41.54	-41.56	-41.61	-41.66	-41.72	-41.82	-42.33	-42.33	-42.36
625	-43.51	-43.49	-43.47	-43.47	-43.43	-43.34	-43.34	-43.29	-43.29	-43.32	-43.32	-43.37	-43.42	-43.54	-43.66	-43.87	-44.07	-44.24
665	-45.49	-45.46	-45.41	-45.40	-45.31	-45.19	-45.18	-45.13	-45.13	-45.14	-45.14	-45.19	-45.25	-45.39	-45.55	-45.69	-45.88	-46.08
705	-47.05	-47.10	-47.00	-47.00	-46.95	-46.95	-46.95	-46.85	-46.85	-46.90	-46.90	-46.95	-47.05	-47.15	-47.35	-47.45	-47.60	-47.80
745	-48.53	-48.54	-48.53	-48.56	-48.51	-48.55	-48.55	-48.45	-48.45	-48.50	-48.62	-48.63	-48.69	-48.79	-48.91	-49.09	-49.24	-49.46
785	-49.95	-49.98	-49.98	-50.03	-50.04	-50.09	-50.04	-50.05	-50.07	-50.10	-50.19	-50.22	-50.27	-50.37	-50.47	-50.64	-50.79	-51.01
825	-51.23	-51.26	-51.28	-51.33	-51.38	-51.44	-51.44	-51.49	-51.51	-51.56	-51.61	-51.66	-51.71	-51.81	-51.91	-52.04	-52.15	-52.31
865	-52.33	-52.33	-52.37	-52.41	-52.45	-52.49	-52.49	-52.61	-52.65	-52.69	-52.73	-52.77	-52.81	-52.89	-52.97	-53.05	-53.09	-53.17
905	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25	-53.25











	90W	85W	80W	75W	70W	65W	60W	55W	50W	45W	40W	35W	30W	25W	20W	15W	10W	5W
90N	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82
86N	66.80	66.80	66.80	66.82	66.82	66.83	66.88	66.92	66.97	67.02	67.02	67.06	67.11	67.11	67.12	67.21	67.22	67.22
82N	66.86	66.87	66.90	66.94	67.02	67.09	67.12	67.22	67.25	67.35	67.35	67.45	67.48	67.55	67.57	67.67	67.70	67.77
78N	67.02	67.02	67.06	67.11	67.23	67.37	67.43	67.51	67.57	67.70	67.75	67.83	67.89	68.01	68.07	68.14	68.20	68.32
74N	67.30	67.27	67.31	67.41	67.57	67.74	67.70	67.74	67.87	68.00	68.13	68.19	68.31	68.43	68.55	68.59	68.71	68.82
70N	67.71	67.60	67.58	67.57	67.68	67.79	67.91	67.95	68.09	68.23	68.38	68.60	68.72	68.84	68.96	69.09	69.20	69.32
66N	68.46	68.34	68.16	68.14	68.08	68.11	68.18	68.25	68.39	68.62	68.77	68.85	69.08	69.26	69.41	69.60	69.72	69.91
62N	69.14	68.96	68.80	68.73	68.62	68.62	68.67	68.71	68.84	69.02	69.18	69.26	69.54	69.72	69.90	70.12	70.25	70.49
58N	69.92	69.69	69.54	69.41	69.31	69.28	69.31	69.38	69.47	69.60	69.80	69.89	70.15	70.33	70.60	70.80	71.00	71.10
54N	70.81	70.56	70.38	70.24	70.15	70.10	70.12	70.24	70.29	70.45	70.66	70.77	70.97	71.21	71.49	71.67	71.83	71.90
50N	71.70	71.46	71.26	71.22	71.14	71.22	71.20	71.26	71.34	71.62	71.70	71.89	72.10	72.34	72.49	72.59	72.64	72.64
46N	72.60	72.41	72.26	72.18	72.12	72.13	72.21	72.31	72.42	72.64	72.83	72.96	73.11	73.22	73.32	73.32	73.42	73.42
42N	73.37	73.23	73.11	73.10	73.17	73.25	73.37	73.49	73.56	73.68	73.80	73.84	73.89	73.89	73.90	73.88	73.92	73.99
38N	74.03	73.92	73.87	73.87	74.02	74.19	74.36	74.51	74.54	74.53	74.53	74.52	74.47	74.39	74.30	74.33	74.24	74.00
34N	74.61	74.52	74.54	74.51	74.64	74.81	75.02	75.20	75.20	75.09	75.02	75.00	74.90	74.79	74.75	74.71	74.59	74.55
30N	75.10	75.10	75.11	75.18	75.25	75.21	75.37	75.43	75.43	75.33	75.39	75.28	75.22	75.14	75.06	75.02	74.98	74.92
26N	75.45	75.41	75.40	75.42	75.48	75.52	75.60	75.61	75.62	75.56	75.59	75.47	75.41	75.33	75.29	75.25	75.20	75.20
22N	75.63	75.59	75.55	75.58	75.66	75.69	75.71	75.72	75.73	75.69	75.65	75.58	75.55	75.51	75.45	75.41	75.42	75.48
18N	75.66	75.64	75.60	75.66	75.74	75.74	75.74	75.76	75.77	75.76	75.72	75.64	75.64	75.63	75.57	75.53	75.55	75.60
14N	75.61	75.60	75.58	75.66	75.71	75.71	75.72	75.74	75.76	75.76	75.73	75.69	75.69	75.67	75.64	75.59	75.60	75.64
10N	75.54	75.59	75.57	75.59	75.66	75.66	75.68	75.71	75.69	75.69	75.69	75.69	75.69	75.64	75.58	75.56	75.59	75.59
6N	75.55	75.60	75.58	75.59	75.57	75.58	75.60	75.63	75.65	75.65	75.65	75.61	75.61	75.60	75.58	75.58	75.59	75.59
2N	75.60	75.56	75.61	75.60	75.57	75.53	75.54	75.55	75.57	75.57	75.58	75.56	75.56	75.56	75.55	75.55	75.54	75.50
2S	75.62	75.57	75.62	75.66	75.65	75.56	75.56	75.56	75.56	75.56	75.56	75.56	75.56	75.56	75.56	75.56	75.56	75.54
6S	75.61	75.62	75.60	75.73	75.74	75.66	75.66	75.66	75.64	75.62	75.61	75.61	75.61	75.61	75.62	75.61	74.70	74.71
100S	75.65	75.66	75.57	75.71	75.72	75.73	75.73	75.72	75.68	75.66	75.66	75.64	75.64	75.65	75.65	75.65	75.65	75.60
14S	75.53	75.54	75.62	75.66	75.68	75.69	75.68	75.68	75.65	75.63	75.62	75.60	75.60	75.50	75.50	75.51	75.60	75.61
18S	75.33	75.41	75.46	75.48	75.56	75.57	75.58	75.57	75.55	75.47	75.38	75.36	75.34	75.34	75.34	75.34	75.39	75.41
22S	74.99	75.07	75.12	75.19	75.31	75.38	75.39	75.39	75.36	75.20	75.11	75.08	75.06	75.05	75.05	75.09	75.10	75.12
26S	74.48	74.49	74.62	74.75	74.88	75.02	75.05	75.03	75.00	74.81	74.68	74.65	74.62	74.61	74.61	74.70	74.70	74.71
90S	73.83	73.84	73.96	74.09	74.23	74.38	74.41	74.32	74.30	74.28	74.14	74.12	74.11	74.11	74.11	74.11	74.11	74.11
44S	73.20	73.28	73.40	73.43	73.48	73.54	73.58	73.57	73.49	73.47	73.36	73.34	73.33	73.32	73.32	73.33	73.33	73.33
28S	72.65	72.69	72.79	72.80	72.76	72.72	72.74	72.75	72.60	72.59	72.55	72.48	72.47	72.47	72.47	72.48	72.48	72.48
22S	71.99	72.04	72.10	72.10	72.01	71.91	71.92	71.85	71.74	71.70	71.65	71.59	71.56	71.55	71.50	71.56	71.50	71.50
26S	71.16	71.24	71.24	71.24	71.16	71.08	71.07	70.89	70.87	70.80	70.69	70.68	70.58	70.57	70.55	70.51	70.51	70.51
90S	70.16	70.16	70.15	70.15	70.15	70.15	70.05	69.95	69.86	69.86	69.75	69.64	69.55	69.54	69.43	69.23	69.22	69.22
44S	69.16	69.16	69.16	69.16	69.09	69.08	69.06	68.95	68.85	68.69	68.67	68.56	68.46	68.37	68.26	68.13	68.12	68.03
28S	68.10	68.10	68.10	68.10	68.06	68.00	68.00	67.84	67.80	67.59	67.59	67.49	67.38	67.27	67.16	67.05	66.97	66.88
22S	66.88	66.88	66.92	66.96	66.97	66.91	66.80	66.80	66.80	66.63	66.59	66.45	66.38	66.23	66.12	66.00	65.89	65.77
26S	65.60	65.60	65.70	65.81	65.81	65.85	65.85	65.85	65.85	65.75	65.67	65.49	65.50	65.31	65.22	65.13	65.03	64.91
90S	64.53	64.53	64.63	64.74	64.74	64.84	64.85	64.86	64.86	64.75	64.75	64.65	64.74	64.63	64.62	64.61	64.60	64.48
44S	64.11	64.11	64.21	64.23	64.24	64.26	64.34	64.35	64.34	64.33	64.40	64.38	64.47	64.44	64.44	64.42	64.41	64.37
28S	63.88	63.88	63.92	63.92	63.98	63.97	64.08	64.08	64.14	64.14	64.23	64.23	64.26	64.26	64.25	64.24	64.23	64.27
22S	63.67	63.67	63.71	63.73	63.76	63.82	63.86	63.91	64.01	64.01	64.01	64.01	64.00	64.04	64.03	64.06	64.05	64.10
26S	63.46	63.46	63.45	63.53	63.45	63.52	63.60	63.59	63.59	63.67	63.67	63.67	63.67	63.74	63.73	63.81	63.80	63.80
90S	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31



Table 5.20--Continued

	90E	95E	100E	105E	110E	115E	120E	125E	130E	135E	140E	145E	150E	155E	160E	165E	170E	175E
90N	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82	66.82
66N	66.86	66.85	66.84	66.83	66.83	66.82	66.80	66.80	66.79	66.79	66.79	66.79	66.78	66.78	66.78	66.78	66.78	66.78
67N	67.12	66.99	66.86	66.84	66.83	66.82	66.81	66.80	66.79	66.79	66.78	66.78	66.78	66.77	66.77	66.77	66.78	66.78
68N	67.39	67.21	67.03	67.01	67.00	66.95	66.95	66.94	66.94	66.93	66.93	66.93	66.93	66.93	66.94	66.94	66.94	66.94
69N	67.64	67.52	67.41	67.38	67.37	67.26	67.26	67.26	67.26	67.25	67.26	67.27	67.28	67.29	67.30	67.30	67.30	67.30
70N	68.09	67.96	67.93	67.82	67.81	67.80	67.69	67.69	67.68	67.68	67.70	67.72	67.74	67.75	67.77	67.79	67.80	67.80
66E	68.62	68.48	68.37	68.34	68.25	68.17	68.11	68.06	68.06	68.10	68.11	68.13	68.19	68.24	68.26	68.28	68.30	68.28
67E	69.11	68.97	68.91	68.83	68.78	68.68	68.66	68.57	68.51	68.53	68.54	68.57	68.62	68.67	68.70	68.72	68.73	68.65
68E	69.63	69.54	69.48	69.40	69.40	69.29	69.25	69.15	69.09	69.05	69.07	69.10	69.13	69.17	69.20	69.22	69.16	69.08
69E	70.32	70.28	70.18	70.12	70.12	70.02	69.90	69.79	69.68	69.77	69.79	69.83	69.87	69.80	69.82	69.85	69.76	69.63
70E	71.39	71.25	71.20	70.97	70.98	70.88	70.68	70.58	70.48	70.39	70.41	70.44	70.56	70.59	70.61	70.63	70.53	70.35
71E	72.52	72.41	72.31	72.10	71.92	71.72	71.49	71.38	71.29	71.20	71.24	71.45	71.68	71.83	71.84	71.83	71.71	71.52
72E	73.28	73.24	73.13	73.04	72.89	72.66	72.49	72.33	72.31	72.31	72.46	72.70	72.96	73.23	73.18	73.17	72.90	72.78
73E	73.93	73.92	73.85	73.79	73.73	73.59	73.52	73.37	73.40	73.46	73.75	73.99	74.27	74.52	74.47	74.46	74.28	74.04
74E	74.59	74.58	74.57	74.47	74.45	74.44	74.44	74.36	74.42	74.49	74.84	75.06	75.35	75.45	75.46	75.45	75.34	75.14
75E	75.28	75.29	75.30	75.28	75.23	75.17	75.17	75.18	75.31	75.40	75.52	75.62	75.77	75.76	75.80	75.80	75.71	75.53
76E	75.58	75.54	75.60	75.60	75.58	75.56	75.54	75.54	75.61	75.67	75.77	75.83	75.89	75.88	75.87	75.85	75.77	75.68
77E	75.73	75.68	75.71	75.71	75.79	75.78	75.77	75.77	75.79	75.81	75.87	75.92	75.90	75.89	75.87	75.82	75.77	75.74
78E	75.78	75.73	75.73	75.73	75.86	75.87	75.86	75.86	75.86	75.86	75.88	75.91	75.85	75.84	75.83	75.78	75.76	75.72
79E	75.76	75.71	75.72	75.69	75.82	75.82	75.83	75.84	75.84	75.84	75.84	75.84	75.79	75.78	75.77	75.76	75.74	75.69
80E	75.67	75.62	75.63	75.61	75.65	75.65	75.70	75.75	75.76	75.77	75.76	75.77	75.77	75.76	75.74	75.73	75.72	75.72
81E	75.58	75.55	75.54	75.52	75.56	75.56	75.58	75.63	75.67	75.67	75.67	75.68	75.69	75.69	75.68	75.67	75.67	75.60
82E	75.46	75.45	75.44	75.43	75.47	75.48	75.48	75.50	75.59	75.59	75.57	75.57	75.59	75.61	75.61	75.61	75.60	75.59
83E	75.41	75.41	75.40	75.41	75.43	75.44	75.48	75.48	75.59	75.59	75.57	75.60	75.58	75.59	75.61	75.62	75.62	75.62
84E	75.44	75.45	75.45	75.46	75.46	75.47	75.56	75.59	75.67	75.66	75.66	75.72	75.65	75.66	75.68	75.69	75.71	75.71
85E	75.51	75.52	75.52	75.53	75.54	75.54	75.64	75.74	75.75	75.74	75.74	75.72	75.72	75.73	75.75	75.75	75.70	75.70
86E	75.47	75.48	75.49	75.50	75.51	75.51	75.62	75.64	75.64	75.64	75.64	75.63	75.63	75.63	75.72	75.73	75.74	75.73
87E	75.33	75.34	75.35	75.36	75.37	75.37	75.42	75.42	75.42	75.42	75.43	75.43	75.43	75.43	75.41	75.47	75.40	75.48
88E	74.93	74.94	74.95	74.96	74.97	74.97	74.97	75.06	75.05	75.06	75.02	74.92	74.92	74.92	74.92	74.98	74.99	74.99
89E	74.31	74.31	74.29	74.30	74.31	74.31	74.33	74.49	74.50	74.50	74.42	74.33	74.32	74.32	74.32	74.33	74.33	74.30
90E	73.69	73.69	73.58	73.58	73.57	73.56	73.66	73.65	73.74	73.72	73.71	73.60	73.60	73.60	73.62	73.62	73.63	73.62
91E	73.00	72.99	72.88	72.87	72.86	72.85	72.94	72.92	73.02	73.01	73.01	72.90	72.90	72.90	72.90	72.99	72.99	72.98
92E	72.24	72.18	72.14	72.12	72.11	72.09	72.12	72.10	72.20	72.26	72.26	72.22	72.23	72.24	72.30	72.41	72.41	72.41
93E	71.26	71.20	71.20	71.19	71.17	71.16	71.14	71.17	71.27	71.42	71.46	71.51	71.61	71.66	71.77	71.84	71.84	71.84
94E	69.99	70.02	70.02	70.03	70.02	70.06	70.05	70.14	70.25	70.40	70.59	70.72	70.92	71.06	71.18	71.20	71.23	71.23
95E	68.60	68.62	68.73	68.73	68.73	68.73	68.94	69.05	69.16	69.37	69.59	69.81	69.93	70.15	70.27	70.38	70.48	70.49
96E	67.18	67.22	67.23	67.35	67.44	67.57	67.67	67.85	68.05	68.26	68.40	68.54	68.74	68.88	69.01	69.20	69.23	69.31
97E	65.90	65.91	65.92	66.04	66.15	66.33	66.39	66.60	66.81	67.02	67.13	67.25	67.47	67.58	67.70	67.86	67.93	68.04
98E	64.93	64.89	64.94	65.01	65.11	65.24	65.26	65.43	65.60	65.73	65.87	65.98	66.15	66.27	66.38	66.46	66.57	66.69
99E	64.31	64.24	64.32	64.32	64.40	64.41	64.41	64.49	64.58	64.59	64.75	64.84	64.93	64.99	65.08	65.10	65.20	65.29
100E	63.93	63.93	63.93	63.93	63.93	63.92	63.93	63.93	63.93	63.94	63.99	63.95	63.96	63.87	63.87	63.89	63.90	63.93
101E	63.80	63.80	63.72	63.72	63.64	63.65	63.57	63.57	63.57	63.50	63.50	63.51	63.44	63.43	63.44	63.38	63.39	63.42
102E	63.69	63.64	63.54	63.54	63.50	63.45	63.35	63.36	63.30	63.21	63.22	63.23	63.14	63.15	63.16	63.07	63.09	63.11
103E	63.56	63.50	63.44	63.40	63.37	63.31	63.26	63.23	63.13	63.08	63.09	63.11	63.01	63.03	63.03	62.98	62.99	63.00
104E	63.41	63.41	63.41	63.33	63.25	63.25	63.26	63.18	63.11	63.11	63.12	63.13	63.06	63.07	63.07	63.07	63.08	63.08
105E	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31	63.31



Table 5.21

SEPTEMBER-OCTOBER-NOVEMBER 400-mb ZONAL WIND--N/HEM (m/sec)

[illegible]



Table 5.21--Continued

	87.5W	82.5W	77.5W	72.5W	67.5W	62.5W	57.5W	52.5W	47.5W	42.5W	37.5W	32.5W	27.5W	22.5W	17.5W	12.5W	7.5W	2.5W
b8N*****	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84N*****	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80N*****	1.09	0.71	0.51	0.51	0.84	1.48	1.80	1.80	1.87	1.99	2.32	2.83	3.41	4.05	4.57	4.95	5.41	5.92
76N*****	3.54	2.90	2.45	2.19	2.32	2.83	3.09	3.09	3.09	3.09	3.41	4.05	4.70	5.34	5.98	6.63	7.14	7.53
72N*****	5.92	5.41	4.83	4.18	3.93	4.05	4.18	4.31	4.38	4.38	4.76	5.53	6.11	6.50	7.01	7.66	8.11	8.57
68N*****	8.04	7.66	7.01	6.11	5.66	5.66	5.79	6.05	6.11	5.98	6.24	6.89	7.34	7.59	7.92	8.30	8.56	8.69
64N*****	9.97	9.85	9.27	8.24	7.79	7.92	8.04	8.17	8.04	7.66	7.72	8.24	8.62	8.88	9.07	9.20	9.27	9.27
60N*****	11.84	11.84	11.58	11.07	11.00	11.39	11.45	11.20	10.68	9.91	9.91	10.68	11.13	11.26	11.26	11.13	11.13	11.26
56N*****	13.45	13.58	13.50	14.41	14.99	15.64	15.83	15.57	14.80	13.51	13.38	14.41	14.67	14.16	13.77	13.51	13.34	13.49
52N*****	14.86	15.25	15.36	16.99	18.02	19.05	19.69	19.95	19.37	17.95	17.37	17.63	17.05	15.64	14.74	14.35	13.64	13.49
48N*****	16.34	17.12	17.95	18.85	19.82	20.85	21.56	21.94	21.69	20.79	19.69	18.40	16.86	15.06	13.96	13.58	13.13	12.61
44N*****	17.31	18.47	19.24	19.63	19.95	20.21	20.27	20.14	19.95	19.69	18.47	16.28	14.54	13.26	12.48	12.23	12.10	12.10
40N*****	17.05	18.21	18.66	18.40	17.89	17.12	16.41	15.77	15.57	15.83	14.86	12.68	11.39	11.00	10.81	10.81	11.07	11.50
36N*****	15.57	16.34	16.34	15.57	14.48	13.06	11.97	11.20	11.13	11.78	11.26	9.59	8.88	9.14	9.40	9.05	10.23	11.43
32N*****	13.00	13.26	12.87	11.84	10.62	9.20	8.17	7.53	7.53	8.17	8.11	7.34	7.21	7.72	8.11	8.37	9.07	10.23
28N*****	9.46	9.33	8.62	7.34	6.31	5.53	5.02	4.76	4.83	5.21	5.34	5.21	5.47	6.11	6.50	6.63	7.14	8.04
24N*****	4.95	4.57	3.86	2.83	2.32	2.32	2.38	2.51	2.70	2.96	3.09	3.09	3.41	4.05	4.38	4.38	4.50	4.76
20N*****	0.84	0.45	0.19	0.06	0.0	0.0	0.13	0.39	0.64	0.90	1.09	1.22	1.54	2.06	2.25	2.12	2.06	2.06
16N*****	-1.42	-1.67	-1.61	-1.22	-1.16	-1.42	-1.42	-1.16	-0.90	-0.64	-0.45	-0.32	0.00	0.51	0.58	0.19	0.06	0.19
12N*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
8N*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
4N*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
0*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
45*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
85*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
125*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
165*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
205*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
245*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
285*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
325*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
365*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
405*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
445*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
485*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
525*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
565*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
605*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
645*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
685*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
725*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
765*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
805*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
845*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42
885*****	-2.45	-2.70	-2.64	-2.25	-2.12	-2.25	-2.25	-2.12	-1.93	-1.67	-1.48	-1.35	-1.16	-0.90	-1.03	-1.54	-1.67	-1.42



Table 5.21--Continued

	92.5E	97.5E	102.5E	107.5E	112.5E	117.5E	122.5E	127.5E	132.5E	137.5E	142.5E	147.5E	152.5E	157.5E	162.5E	167.5E	172.5E	177.5E
80N																		
84N									0.26	0.26	0.26	0.26	0.26	0.32	0.45	0.51	0.51	0.51
88N									0.77	0.77	0.77	0.77	0.77	0.90	1.16	1.29	1.29	1.29
92N									1.29	1.29	1.29	1.29	1.29	1.42	1.67	1.80	1.80	1.80
96N									1.80	1.80	1.80	1.80	1.80	1.93	2.19	2.32	2.32	2.32
100N									2.32	2.32	2.32	2.32	2.32	2.45	2.70	2.96	3.15	3.15
104N									3.60	3.60	3.60	3.60	3.60	3.73	4.00	4.26	4.44	4.44
108N									5.98	5.98	5.98	5.98	5.98	6.11	6.37	6.63	6.89	6.89
112N									8.43	8.43	8.43	8.43	8.43	8.56	8.82	9.08	9.34	9.34
116N									10.75	10.75	10.75	10.75	10.75	10.88	11.14	11.40	11.66	11.66
120N									13.06	13.06	13.06	13.06	13.06	13.19	13.45	13.71	13.97	13.97
124N									15.38	15.38	15.38	15.38	15.38	15.51	15.77	16.03	16.29	16.29
128N									17.70	17.70	17.70	17.70	17.70	17.83	18.09	18.35	18.61	18.61
132N									20.01	20.01	20.01	20.01	20.01	20.14	20.40	20.66	20.92	20.92
136N									22.33	22.33	22.33	22.33	22.33	22.46	22.72	22.98	23.24	23.24
140N									24.66	24.66	24.66	24.66	24.66	24.79	25.05	25.31	25.57	25.57
144N									26.98	26.98	26.98	26.98	26.98	27.11	27.37	27.63	27.89	27.89
148N									29.30	29.30	29.30	29.30	29.30	29.43	29.69	29.95	30.21	30.21
152N									31.62	31.62	31.62	31.62	31.62	31.75	32.01	32.27	32.53	32.53
156N									33.94	33.94	33.94	33.94	33.94	34.07	34.33	34.59	34.85	34.85
160N									36.26	36.26	36.26	36.26	36.26	36.39	36.65	36.91	37.17	37.17
164N									38.58	38.58	38.58	38.58	38.58	38.71	38.97	39.23	39.49	39.49
168N									40.90	40.90	40.90	40.90	40.90	41.03	41.29	41.55	41.81	41.81
172N									43.22	43.22	43.22	43.22	43.22	43.35	43.61	43.87	44.13	44.13
176N									45.54	45.54	45.54	45.54	45.54	45.67	45.93	46.19	46.45	46.45
180N									47.86	47.86	47.86	47.86	47.86	47.99	48.25	48.51	48.77	48.77
184N									50.18	50.18	50.18	50.18	50.18	50.31	50.57	50.83	51.09	51.09
188N									52.50	52.50	52.50	52.50	52.50	52.63	52.89	53.15	53.41	53.41
192N									54.82	54.82	54.82	54.82	54.82	54.95	55.21	55.47	55.73	55.73
196N									57.14	57.14	57.14	57.14	57.14	57.27	57.53	57.79	58.05	58.05
200N									59.46	59.46	59.46	59.46	59.46	59.59	59.85	60.11	60.37	60.37
204N									61.78	61.78	61.78	61.78	61.78	61.91	62.17	62.43	62.69	62.69
208N									64.10	64.10	64.10	64.10	64.10	64.23	64.49	64.75	65.01	65.01
212N									66.42	66.42	66.42	66.42	66.42	66.55	66.81	67.07	67.33	67.33
216N									68.74	68.74	68.74	68.74	68.74	68.87	69.13	69.39	69.65	69.65
220N									71.06	71.06	71.06	71.06	71.06	71.19	71.45	71.71	71.97	71.97
224N									73.38	73.38	73.38	73.38	73.38	73.51	73.77	74.03	74.29	74.29
228N									75.70	75.70	75.70	75.70	75.70	75.83	76.09	76.35	76.61	76.61
232N									78.02	78.02	78.02	78.02	78.02	78.15	78.41	78.67	78.93	78.93
236N									80.34	80.34	80.34	80.34	80.34	80.47	80.73	80.99	81.25	81.25
240N									82.66	82.66	82.66	82.66	82.66	82.79	83.05	83.31	83.57	83.57
244N									84.98	84.98	84.98	84.98	84.98	85.11	85.37	85.63	85.89	85.89
248N									87.30	87.30	87.30	87.30	87.30	87.43	87.69	87.95	88.21	88.21
252N									89.62	89.62	89.62	89.62	89.62	89.75	90.01	90.27	90.53	90.53
256N									91.94	91.94	91.94	91.94	91.94	92.07	92.33	92.59	92.85	92.85
260N									94.26	94.26	94.26	94.26	94.26	94.39	94.65	94.91	95.17	95.17
264N									96.58	96.58	96.58	96.58	96.58	96.71	96.97	97.23	97.49	97.49
268N									98.90	98.90	98.90	98.90	98.90	99.03	99.29	99.55	99.81	99.81
272N									101.22	101.22	101.22	101.22	101.22	101.35	101.61	101.87	102.13	102.13
276N									103.54	103.54	103.54	103.54	103.54	103.67	103.93	104.19	104.45	104.45
280N									105.86	105.86	105.86	105.86	105.86	105.99	106.25	106.51	106.77	106.77
284N									108.18	108.18	108.18	108.18	108.18	108.31	108.57	108.83	109.09	109.09
288N									110.50	110.50	110.50	110.50	110.50	110.63	110.89	111.15	111.41	111.41
292N									112.82	112.82	112.82	112.82	112.82	112.95	113.21	113.47	113.73	113.73
296N									115.14	115.14	115.14	115.14	115.14	115.27	115.53	115.79	116.05	116.05
300N									117.46	117.46	117.46	117.46	117.46	117.59	117.85	118.11	118.37	118.37
304N									119.78	119.78	119.78	119.78	119.78	119.91	120.17	120.43	120.69	120.69
308N									122.10	122.10	122.10	122.10	122.10	122.23	122.49	122.75	123.01	123.01
312N									124.42	124.42	124.42	124.42	124.42	124.55	124.81	125.07	125.33	125.33
316N									126.74	126.74	126.74	126.74	126.74	126.87	127.13	127.39	127.65	127.65
320N									129.06	129.06	129.06	129.06	129.06	129.19	129.45	129.71	130.00	130.00
324N									131.38	131.38	131.38	131.38	131.38	131.51	131.77	132.03	132.29	132.29
328N									133.70	133.70	133.70	133.70	133.70	133.83	134.09	134.35	134.61	134.61
332N									136.02	136.02	136.02	136.02	136.02	136.15	136.41	136.67	136.93	136.93
336N									138.34	138.34	138.34	138.34	138.34	138.47	138.73	138.99	139.25	139.25
340N									140.66	140.66	140.66	140.66	140.66	140.79	141.05	141.31	141.57	141.57
344N									142.98	142.98	142.98	142.98	142.98	143.11	143.37	143.63	143.89	143.89
348N									145.30	145.30	145.30	145.30	145.30	145.43	145.69	145.95	146.21	146.21
352N									147.62	147.62	147.62	147.62	147.62	147.75	148.01	148.27	148.53	148.53
356N									149.94	149.94	149.94	149.94	149.94	150.07	150.33	150.59	150.85	150.85
360N									152.26	152.26	152.26	152.26	152.26	152.39	152.65	152.91	153.17	153.17
364N									154.58	154.58	154.58	154.58	154.58	154.71	154.97	155.23	155.49	155.49
368N									156.90	156.90	156.90	156.90	156.90	157.03	157.29	157.55	157.81	157.81
372N									159.22	159.22	159.22	159.22	159.22	159.35	159.61	159.87	160.13	160.13
376N									161.54	161.54	161.54	161.54	161.54	161.67	161.93	162.19	162.45	162.45
380N									163.86	163.86	163.86	163.86	163.86	163.99	164.25	164.51	164.77	164.77
384N									166.18	166.18	166.18	166.18	166.18	166.31	166.57	166.83	167.09	167.09
388N									168.50	168.50	168.50	168.50	168.50	168.63	168.89	169.15	169.41	169.41
392N									170.82	170.82	170.82	170.82	170.82	170.95	171.21	171.47	171.73	171.73
396N									173.14	173.14	173.14	173.14	173.14	173.27	173.53	173.79	174.05	174.05
400N									175.46	175.46	175.46	175.46	175.46	175.59	175.85	176.1		

Table 5.22

SEPTEMBER-OCTOBER-NOVEMBER 400-mb MERIDIONAL WIND--N/HEM (m/sec)

	177.5W	172.5W	167.5W	162.5W	157.5W	152.5W	147.5W	142.5W	137.5W	132.5W	127.5W	122.5W	117.5W	112.5W	107.5W	102.5W	97.5W	92.5W
80N	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.29	-1.42	-1.67	-1.93	-2.19	-2.25	-2.12	-1.99	-1.87	-1.87
84N	-1.22	-1.09	-1.03	-1.03	-1.09	-1.22	-1.35	-1.48	-1.87	-2.51	-3.02	-3.41	-3.54	-3.41	-3.35	-3.35	-3.09	-1.47
80N	-0.32	0.06	0.26	0.26	0.06	-0.32	-0.58	-0.71	-1.16	-1.93	-2.70	-3.47	-3.93	-4.05	-4.38	-4.89	-4.70	-2.57
76N	0.64	1.42	1.87	1.99	1.87	1.48	1.29	1.29	0.77	-0.26	-1.35	-2.51	-3.54	-4.44	-5.34	-6.24	-6.11	-3.60
72N	1.35	2.51	3.28	3.67	3.86	3.86	3.73	3.47	2.70	1.42	0.06	-1.35	-2.77	-4.18	-5.53	-6.82	-6.95	-4.95
68N	1.67	2.96	3.93	4.57	5.15	5.66	5.60	4.95	4.05	2.90	1.42	-0.39	-2.06	-3.60	-5.15	-6.69	-7.01	-6.11
64N	1.54	2.57	3.54	4.44	5.34	6.24	6.63	6.50	5.66	4.12	2.32	0.26	-1.54	-3.09	-4.57	-5.98	-6.45	-5.92
60N	1.35	1.99	2.83	3.86	4.95	6.11	6.95	7.46	6.69	4.63	2.57	0.51	-1.29	-2.83	-4.12	-5.15	-5.60	-5.47
56N	1.03	1.54	2.32	3.35	4.50	5.79	6.63	7.01	6.24	4.31	2.32	0.26	-1.42	-2.70	-3.73	-4.50	-4.63	-4.70
48N	0.51	1.03	1.80	2.83	3.99	5.28	5.86	5.73	4.83	3.15	1.48	0.19	-1.54	-2.57	-3.35	-3.86	-3.99	-3.73
44N	-0.39	-0.13	0.58	1.74	2.56	4.25	4.57	3.93	2.90	1.48	0.26	-0.77	-1.67	-2.45	-2.96	-3.22	-3.05	-2.57
40N	-1.87	-1.99	-1.54	-0.51	0.71	2.12	2.45	1.67	0.90	0.13	-0.51	-1.03	-1.48	-1.87	-2.19	-2.45	-2.19	-1.42
36N	-3.22	-3.47	-3.28	-2.64	-1.67	-0.39	0.06	-0.32	-0.45	-0.32	-0.39	-0.64	-0.84	-0.97	-1.22	-1.61	-1.42	-0.64
32N	-3.67	-3.80	-3.67	-3.28	-2.64	-1.74	-1.09	-0.71	-0.32	0.06	0.19	0.06	0.06	0.19	-0.08	-0.71	-0.64	-0.47
28N	-2.90	-3.02	-2.96	-2.70	-2.25	-1.61	-0.90	-0.13	0.39	0.64	0.77	0.77	0.90	1.16	0.47	0.32	0.32	0.97
24N	-1.87	-1.99	-1.67	-1.48	-1.09	-0.71	-0.13	0.64	1.09	1.22	1.29	1.29	1.42	1.67	1.54	1.03	0.97	1.35
20N	-1.29	-1.29	-0.97	-0.32	0.13	0.39	0.90	1.67	2.06	2.06	1.99	1.87	1.60	1.80	1.61	1.22	1.10	1.42
16N	-0.19	0.45	1.09	1.74	2.45	3.15	3.86	4.57	5.28	5.99	6.70	7.41	8.12	8.83	9.54	10.25	10.96	11.67
12N	0.45	1.09	1.74	2.45	3.15	3.86	4.57	5.28	5.99	6.70	7.41	8.12	8.83	9.54	10.25	10.96	11.67	12.38
8N	1.09	1.74	2.45	3.15	3.86	4.57	5.28	5.99	6.70	7.41	8.12	8.83	9.54	10.25	10.96	11.67	12.38	13.09
4N	1.74	2.45	3.15	3.86	4.57	5.28	5.99	6.70	7.41	8.12	8.83	9.54	10.25	10.96	11.67	12.38	13.09	13.80
0	2.45	3.15	3.86	4.57	5.28	5.99	6.70	7.41	8.12	8.83	9.54	10.25	10.96	11.67	12.38	13.09	13.80	14.51
4S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
36S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
48S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
52S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
56S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
60S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
64S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
68S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
72S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
80S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
84S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
88S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



[illegible]







Table 5.23  
OCTOBER 400-mb ZONAL GEOSTROPHIC (m/sec)

	177.5W	172.5W	167.5W	162.5W	157.5W	152.5W	147.5W	142.5W	137.5W	132.5W	127.5W	122.5W	117.5W	112.5W	107.5W	102.5W	97.5W	92.5W
88N	-1.47	-1.56	-1.65	-1.72	-1.79	-1.86	-1.89	-1.94	-1.98	-1.97	-1.97	-1.96	-1.92	-1.85	-1.77	-1.64	-1.49	-1.36
84N	1.46	1.40	1.35	1.31	1.25	1.19	1.14	1.02	0.89	0.78	0.62	0.42	0.24	0.08	-0.07	-0.19	-0.29	-0.50
80N	3.77	3.77	3.81	3.90	4.03	4.16	4.29	4.37	4.30	4.12	3.84	3.50	3.12	2.70	2.29	1.90	1.50	1.26
76N	5.01	5.05	5.18	5.44	5.84	6.30	6.79	7.26	7.62	7.79	7.77	7.56	7.17	6.65	6.04	5.39	4.74	4.13
72N	5.12	5.15	5.33	5.71	6.32	7.10	8.02	8.96	9.79	10.39	10.69	10.66	10.41	9.93	9.30	8.58	7.80	7.02
68N	4.70	4.64	4.77	5.13	5.77	6.69	7.85	9.10	10.30	11.29	11.97	12.28	12.28	12.04	11.62	11.07	10.41	9.71
64N	5.06	4.96	5.03	5.31	5.85	6.68	7.76	9.01	10.27	11.41	12.34	12.95	13.25	13.30	13.17	12.69	12.20	12.00
60N	7.21	7.21	7.32	7.60	8.02	8.60	9.36	10.29	11.29	12.29	13.22	13.95	14.42	14.68	14.73	14.64	14.49	14.30
56N	11.35	11.48	11.68	11.97	12.24	12.47	12.71	13.04	13.50	14.09	14.77	15.39	15.86	16.16	16.28	16.32	16.36	16.41
52N	17.26	17.35	17.48	17.64	17.83	17.95	18.09	18.22	18.22	18.17	18.02	17.79	17.49	17.15	17.34	17.49	17.70	18.00
48N	23.84	23.51	23.18	22.84	22.29	21.38	20.72	19.00	17.90	17.06	16.49	16.26	16.35	16.66	17.06	17.45	17.90	18.51
44N	28.61	27.69	26.73	25.70	24.53	23.11	21.46	19.67	17.94	16.41	15.20	14.53	14.51	15.02	15.77	16.53	17.27	18.06
40N	29.04	27.86	26.55	25.14	23.67	22.17	20.26	18.78	16.93	15.16	13.72	12.94	12.94	13.59	14.58	15.62	16.58	17.41
36N	24.22	23.34	22.24	20.99	19.79	18.74	17.73	16.56	15.21	13.82	12.72	12.19	12.28	12.86	13.79	14.84	15.83	16.84
32N	15.10	15.09	14.79	14.32	13.91	13.69	13.59	13.38	12.98	12.51	12.17	12.11	12.28	12.58	13.07	13.78	14.59	15.30
28N	6.08	7.07	7.81	8.31	8.71	9.12	9.56	9.97	10.34	10.70	11.04	11.31	11.40	11.29	11.19	11.35	11.79	12.26
24N	1.13	2.63	3.98	5.00	5.69	6.17	6.54	6.96	7.51	8.12	8.62	8.82	8.65	8.20	7.69	7.40	7.44	7.54
20N	-0.17	1.21	2.49	3.40	3.90	4.11	4.15	4.35	4.71	5.11	5.32	5.16	4.68	4.08	3.49	3.03	2.76	2.57
16N	0.30	1.25	2.00	2.38	2.46	2.35	2.17	2.03	2.01	1.97	1.71	1.19	0.52	-0.04	-0.42	-0.73	-1.04	-1.37
12N	0.75	1.35	1.58	1.41	1.05	0.70	0.34	-0.08	-0.52	-0.95	-1.44	-2.00	-2.53	-2.84	-2.84	-2.76	-2.84	-3.07
8N	0.46	1.08	1.18	0.70	0.05	-0.45	-0.90	-1.48	-2.14	-2.65	-2.94	-3.10	-3.18	-3.15	-2.94	-2.63	-2.49	-2.39
4N	-1.06	-0.30	-0.01	-0.35	-0.91	-1.29	-1.61	-2.09	-2.65	-2.97	-2.90	-2.61	-2.34	-2.15	-1.94	-1.68	-1.55	-1.60
0	-3.55	-2.83	-2.23	-2.08	-2.15	-2.10	-2.01	-2.14	-2.41	-2.46	-2.14	-1.64	-1.29	-1.14	-1.00	-0.84	-0.87	-1.10
4S	4.95	4.35	3.60	3.04	2.59	2.01	1.43	1.09	0.94	0.71	0.24	0.30	0.57	0.58	0.57	0.56	0.21	-0.26
8S	-2.60	-2.16	-1.75	-1.37	-0.73	0.25	1.31	2.16	2.80	3.32	3.80	4.20	4.31	4.10	3.84	3.50	2.81	1.85
12S	5.01	5.08	4.78	4.45	4.72	5.63	6.73	7.77	8.71	9.38	9.72	9.84	9.74	9.40	8.99	8.43	7.46	6.17
16S	14.60	14.21	13.36	12.45	12.10	12.37	12.89	13.54	14.29	14.81	14.92	14.82	14.67	14.42	14.12	13.67	12.87	11.80
20S	21.68	21.10	20.15	19.08	18.30	17.86	17.62	17.61	17.81	17.95	17.84	17.70	17.68	17.64	17.51	17.30	16.94	16.25
24S	24.68	24.26	23.61	22.79	21.93	21.08	20.33	19.78	19.44	19.19	18.97	18.88	18.97	19.03	18.96	18.87	18.67	18.05
28S	23.48	23.45	23.32	22.99	22.42	21.68	20.92	20.25	19.69	19.28	19.06	19.04	19.10	19.06	18.84	18.65	18.77	18.20
32S	19.56	19.92	20.29	20.51	20.47	20.21	19.86	19.48	19.09	18.81	18.69	18.66	18.60	18.41	18.07	17.78	17.62	16.90
36S	15.76	16.30	16.98	17.61	18.04	18.27	18.37	18.37	18.25	18.16	18.11	18.04	17.94	17.77	17.54	17.36	17.36	17.05
40S	14.09	14.54	15.21	15.91	16.51	16.98	17.62	17.53	17.57	17.56	17.52	17.45	17.40	17.37	17.38	17.42	17.55	17.70
44S	14.91	15.04	15.33	15.73	16.13	16.50	16.83	17.04	17.11	17.10	17.05	17.01	17.03	17.15	17.36	17.61	17.86	18.06
48S	17.75	17.46	17.19	17.00	16.93	16.92	16.97	17.03	17.05	17.02	16.97	16.95	17.01	17.19	17.47	17.81	18.11	18.35
52S	21.15	20.66	20.05	19.45	19.00	18.65	18.40	18.26	18.21	18.19	18.16	18.15	18.20	18.35	18.59	18.88	19.10	19.44
56S	23.67	23.31	22.78	22.22	21.73	21.30	20.94	20.66	20.53	20.49	20.45	20.41	20.42	20.49	20.62	20.75	20.86	20.74
60S	24.57	24.47	24.22	23.89	23.55	23.20	22.82	22.48	22.24	22.07	21.90	21.75	21.66	21.59	21.53	21.46	21.34	21.06
64S	23.23	23.34	23.32	23.21	23.02	22.74	22.39	22.01	21.64	21.27	20.92	20.61	20.33	20.07	19.80	19.54	19.25	18.90
68S	19.01	19.13	19.19	19.18	19.06	18.85	18.54	18.17	17.76	17.29	16.82	16.39	15.95	15.54	15.13	14.74	14.41	14.08
72S	12.09	12.12	12.16	12.19	12.17	12.11	11.97	11.79	11.57	11.29	10.98	10.66	10.30	9.96	9.64	9.33	9.12	8.96
76S	5.08	5.08	5.13	5.22	5.33	5.46	5.59	5.72	5.83	5.91	5.95	5.97	5.94	5.90	5.88	5.88	5.88	5.94
80S	0.27	0.28	0.35	0.46	0.64	0.89	1.17	1.49	1.81	2.17	2.50	2.80	3.10	3.37	3.64	3.90	4.14	4.30
84S	-2.33	-2.32	-2.27	-2.18	-2.01	-1.77	-1.49	-1.15	-0.79	-0.37	0.05	0.47	0.91	1.33	1.73	2.13	2.44	2.82
88S	-3.33	-3.33	-3.29	-3.21	-3.09	-2.91	-2.71	-2.48	-2.19	-1.89	-1.57	-1.23	-0.87	-0.51	-0.15	0.21	0.54	0.87

Table 5.23--Continued

	87.5W	82.5W	77.5W	72.5W	67.5W	62.5W	57.5W	52.5W	47.5W	42.5W	37.5W	32.5W	27.5W	22.5W	17.5W	12.5W	7.5W	2.5W
88N	-1.08	-0.85	-0.59	-0.30	0.02	0.37	0.75	1.11	1.45	1.81	2.15	2.49	2.82	3.11	3.39	3.67	3.92	4.12
84N	-0.22	-0.09	0.12	0.40	0.75	1.17	1.64	2.11	2.58	3.07	3.56	4.03	4.49	4.92	5.34	5.73	6.08	6.36
80N	1.38	1.28	1.31	1.47	1.75	2.14	2.60	3.09	3.62	4.18	4.73	5.27	5.81	6.34	6.86	7.33	7.74	8.08
76N	3.61	3.20	2.94	2.86	2.95	3.18	3.51	3.92	4.39	4.90	5.43	5.99	6.58	7.19	7.80	8.34	8.82	9.22
72N	6.28	5.60	5.06	4.67	4.47	4.44	4.51	4.70	4.98	5.33	5.74	6.26	6.89	7.56	8.24	8.88	9.42	9.90
68N	8.99	8.25	7.59	7.02	6.57	6.29	6.09	5.95	6.01	6.15	6.39	6.81	7.41	8.08	8.75	9.36	9.88	10.30
64N	11.53	10.94	10.37	9.82	9.34	8.97	8.67	8.45	8.35	8.38	8.52	8.81	9.24	9.71	10.12	10.39	10.55	10.64
60N	14.04	13.72	13.35	12.96	12.63	12.41	12.24	12.16	12.20	12.29	12.41	12.52	12.59	12.59	12.42	12.03	11.92	11.02
56N	16.47	16.49	16.44	16.34	16.30	16.36	16.48	16.69	16.97	17.18	17.26	17.07	16.59	15.88	14.92	13.73	12.48	11.33
52N	18.47	18.91	19.30	19.66	20.01	20.39	20.78	21.17	21.52	21.70	21.52	20.86	19.71	18.22	16.51	14.69	12.91	11.33
48N	19.28	20.11	20.97	21.82	22.57	23.17	23.60	23.81	23.77	23.45	22.71	21.50	19.86	17.98	16.05	14.18	12.47	11.03
44N	18.92	19.88	20.93	21.98	22.87	23.42	23.61	23.37	22.69	21.66	20.38	18.87	17.22	15.57	14.08	12.79	11.75	10.98
40N	18.16	18.91	19.70	20.48	21.03	21.19	20.95	20.26	19.11	17.70	15.28	14.94	13.74	12.75	12.03	11.61	11.49	11.27
36N	17.18	17.50	17.72	17.85	17.70	17.22	16.44	15.39	14.10	12.75	11.64	10.88	10.45	10.30	10.45	10.93	11.09	12.27
32N	15.61	15.47	15.07	14.51	13.46	12.53	11.25	10.00	8.87	7.96	7.46	7.45	7.85	8.47	9.36	10.57	12.00	13.41
28N	12.35	11.95	11.30	10.54	9.52	8.22	6.84	5.71	4.99	4.64	4.68	5.17	6.01	7.03	8.28	9.79	11.40	12.79
24N	7.44	7.04	6.58	6.13	5.51	4.60	3.61	2.92	2.71	2.85	3.19	3.79	4.60	5.56	6.73	8.05	9.27	10.14
20N	2.37	2.17	2.06	2.01	1.84	1.47	1.03	0.84	1.06	1.53	2.06	2.59	3.17	3.84	4.64	5.45	6.02	6.44
16N	-1.53	-1.43	-1.19	-1.04	-1.00	-0.98	-0.95	-0.77	-0.35	0.25	0.84	1.27	1.57	1.87	2.21	2.41	2.33	2.06
12N	-3.05	-2.63	-2.24	-2.23	-2.37	-2.28	-2.02	-1.71	-1.31	-0.84	-0.38	-0.12	-0.08	-0.07	-0.09	0.20	-0.60	-1.20
8N	-2.45	-1.87	-1.50	-1.80	-2.34	-2.47	-2.17	-1.79	-1.46	-1.17	-0.97	-0.95	-1.06	-1.14	-1.28	-1.08	-2.17	-2.41
4N	-1.64	-1.19	-1.00	-1.57	-2.41	-2.76	-2.46	-1.96	-1.56	-1.28	-1.17	-1.32	-1.52	-1.61	-1.74	-2.11	-2.50	-2.57
0	-1.33	-1.23	-1.36	-2.14	-3.11	-3.53	-3.22	-2.60	-2.05	-1.62	-1.41	-1.57	-1.85	-2.02	-2.16	-2.49	-2.82	-2.83
4S	-0.74	-0.97	-1.36	-2.21	-3.19	-3.61	-3.27	-2.57	-1.88	-1.27	-0.92	-1.00	-1.30	-1.53	-1.74	-2.10	-2.46	-2.52
8S	0.10	0.77	0.46	-0.24	-1.08	-1.41	-1.03	-0.36	0.32	0.99	1.45	1.51	1.34	1.16	0.81	0.20	-0.46	-0.74
12S	5.09	4.59	4.33	3.78	3.04	2.71	2.96	3.46	4.12	4.97	5.70	6.05	6.15	6.09	5.62	4.77	3.86	3.11
16S	10.45	9.64	9.12	8.49	7.68	7.13	7.03	7.27	7.98	9.12	10.19	10.85	11.19	11.24	10.84	10.08	9.15	8.17
20S	15.36	14.54	13.88	13.18	12.32	11.57	11.17	11.19	11.80	12.88	13.93	14.65	15.08	15.23	15.08	14.70	14.10	13.26
24S	18.65	18.27	17.86	17.39	16.74	16.07	15.60	15.48	15.77	16.34	16.94	17.39	17.73	17.97	18.13	18.24	18.18	17.79
28S	19.65	19.92	20.13	20.30	20.27	20.03	19.79	19.63	19.47	19.28	19.15	19.12	19.25	19.54	19.93	20.41	20.84	21.04
32S	18.89	19.53	20.29	21.15	21.83	22.14	22.21	22.07	21.59	20.89	20.27	19.90	19.87	20.13	20.54	21.10	21.75	22.27
36S	18.11	18.71	19.56	20.66	21.67	22.30	22.54	22.44	21.95	21.28	20.69	20.37	20.38	20.59	20.92	21.42	22.00	22.58
40S	18.04	18.48	19.13	20.01	20.91	21.57	21.90	21.92	21.70	21.40	21.19	21.20	21.39	21.64	21.97	22.44	22.97	23.50
44S	18.31	18.61	19.00	19.46	19.99	20.52	20.92	21.18	21.38	21.59	21.87	22.25	22.66	23.03	23.42	23.90	24.44	24.98
48S	18.57	18.82	19.00	19.10	19.28	19.64	20.11	20.62	21.18	21.78	22.39	23.00	23.56	24.03	24.49	24.99	25.52	26.06
52S	19.36	19.49	19.51	19.42	19.40	19.57	19.91	20.35	20.87	21.44	22.00	22.54	23.04	23.49	23.93	24.36	24.81	25.33
56S	20.64	20.54	20.37	20.14	19.95	19.86	19.81	19.81	19.87	20.01	20.22	20.46	20.74	21.05	21.36	21.67	22.00	22.44
60S	20.78	20.48	20.11	19.72	19.36	19.01	18.58	18.12	17.71	17.39	17.20	17.14	17.17	17.27	17.42	17.59	17.75	18.09
64S	18.54	18.14	17.68	17.20	16.75	16.25	15.67	15.02	14.37	13.81	13.37	13.08	12.90	12.78	12.73	12.73	12.75	12.84
68S	13.79	13.47	13.10	12.71	12.33	11.92	11.47	10.96	10.42	9.90	9.42	9.02	8.69	8.40	8.15	7.95	7.73	7.52
72S	8.84	8.72	8.58	8.41	8.25	8.07	7.87	7.65	7.37	7.03	6.64	6.25	5.87	5.49	5.11	4.74	4.33	3.89
76S	6.00	6.07	6.12	6.14	6.17	6.16	6.13	6.08	5.95	5.75	5.47	5.14	4.80	4.41	4.01	3.58	3.11	2.60
80S	4.57	4.77	4.93	5.06	5.18	5.26	5.31	5.32	5.27	5.17	4.99	4.75	4.49	4.20	3.83	3.46	3.05	2.61
84S	3.13	3.41	3.65	3.86	4.05	4.21	4.34	4.43	4.46	4.47	4.43	4.33	4.20	4.03	3.83	3.61	3.36	3.08
88S	1.21	1.54	1.83	2.09	2.35	2.60	2.83	3.02	3.17	3.33	3.45	3.51	3.56	3.60	3.60	3.57	3.52	3.45

Table 5.23--Continued

	2.5E	7.5E	12.5E	17.5E	22.5E	27.5E	32.5E	37.5E	42.5E	47.5E	52.5E	57.5E	62.5E	67.5E	72.5E	77.5E	82.5E	87.5E
88N	4.27	4.39	4.50	4.55	4.56	4.53	4.46	4.35	4.18	3.97	3.75	3.50	3.19	2.89	2.58	2.25	1.92	1.60
84N	6.57	6.71	6.80	6.81	6.74	6.60	6.40	6.16	5.84	5.44	5.02	4.57	4.08	3.58	3.09	2.63	2.21	1.82
80N	8.33	8.48	8.51	8.45	8.26	7.97	7.61	7.20	6.76	6.26	5.73	5.20	4.66	4.12	3.61	3.17	2.80	2.44
76N	9.53	9.71	9.73	9.61	9.30	8.87	8.34	7.77	7.23	6.69	6.15	5.66	5.20	4.75	4.36	4.07	3.80	3.74
72N	10.30	10.56	10.64	10.52	10.18	9.67	9.04	8.37	7.75	7.20	6.72	6.33	6.02	5.76	5.57	5.48	5.48	5.51
68N	10.68	10.99	11.18	11.19	10.97	10.55	10.00	9.39	8.83	8.36	7.98	7.70	7.50	7.38	7.33	7.34	7.41	7.49
64N	10.74	10.93	11.18	11.38	11.40	11.24	10.96	10.64	10.36	10.13	9.94	9.80	9.70	9.60	9.68	9.70	9.71	9.71
60N	10.64	10.54	10.71	11.00	11.26	11.41	11.51	11.61	11.76	11.91	12.04	12.15	12.26	12.39	12.52	12.61	12.69	12.74
56N	10.43	9.95	9.92	10.17	10.54	10.98	11.46	12.01	12.64	13.24	13.77	14.24	14.67	15.06	15.43	15.73	15.93	15.78
52N	10.07	9.29	8.99	9.06	9.41	10.01	10.84	11.80	12.83	13.83	14.73	15.54	16.28	16.96	17.64	18.23	18.61	18.74
48N	9.87	9.03	8.52	8.35	8.58	9.26	10.32	11.55	12.80	13.95	14.95	15.83	16.64	17.34	18.14	18.84	19.40	19.65
44N	10.36	9.77	9.22	8.89	9.01	9.69	10.82	12.09	13.28	14.26	15.07	15.77	16.38	16.93	17.45	17.95	18.44	18.90
40N	11.64	11.49	11.11	10.76	10.77	11.34	12.31	13.35	14.22	14.85	15.39	15.89	16.31	16.66	16.92	17.16	17.47	17.71
36N	13.31	13.65	13.54	13.25	13.16	13.44	14.00	14.58	14.99	15.26	15.57	15.97	16.34	16.61	16.75	16.83	16.99	17.36
32N	14.53	15.20	15.39	15.23	15.00	14.88	14.87	14.87	14.87	14.90	15.09	15.45	15.85	16.19	16.45	16.64	16.89	16.80
28N	13.78	14.41	14.75	14.80	14.60	14.22	13.79	13.40	13.13	13.01	13.07	13.29	13.59	13.88	13.96	13.76	13.55	13.71
24N	10.62	10.93	11.26	11.57	11.64	11.34	10.77	10.17	9.68	9.39	9.21	9.11	9.07	9.05	8.86	8.42	7.95	7.50
20N	6.22	6.23	6.52	7.01	7.38	7.26	6.62	5.78	5.06	4.53	4.07	3.58	3.10	2.66	2.27	1.79	1.36	1.26
16N	1.78	1.72	1.99	2.53	2.98	2.89	2.17	1.12	0.15	-0.61	-1.28	-2.05	-2.88	-3.59	-4.20	-4.79	-5.25	-5.45
12N	-1.34	-1.21	-0.87	-0.48	-0.27	-0.48	-1.19	-2.23	-3.28	-4.14	-4.87	-5.62	-6.44	-7.09	-7.26	-6.98	-6.61	-6.45
8N	-2.28	-1.88	-1.43	-1.17	-1.23	-1.52	-2.04	-2.86	-3.87	-4.76	-5.44	-6.04	-6.72	-7.22	-7.53	-7.95	-8.46	-8.97
4N	-2.29	-1.84	-1.47	-1.37	-1.53	-1.72	-1.94	-2.44	-3.34	-4.33	-5.05	-5.50	-6.42	-7.22	-8.42	-9.48	-10.45	-11.01
0	-2.55	-2.28	-2.24	-2.42	-2.62	-2.62	-2.47	-2.59	-3.29	-4.36	-5.35	-6.08	-6.49	-6.44	-5.95	-5.33	-4.67	-4.01
4S	-2.39	-2.43	-2.76	-3.17	-3.33	-3.12	-2.62	-2.39	-2.90	-4.04	-5.33	-6.40	-6.94	-6.85	-6.33	-5.72	-5.12	-4.52
8S	-0.96	-1.34	-1.87	-2.27	-2.30	-1.91	-1.19	-0.71	-1.07	-2.31	-3.83	-4.99	-5.45	-5.27	-4.71	-4.00	-3.26	-2.53
12S	2.39	1.59	0.88	0.51	0.55	1.03	1.88	2.71	2.86	2.10	0.96	0.14	-0.06	0.20	0.80	1.68	2.60	3.24
16S	7.05	5.84	4.83	4.21	4.01	4.30	5.16	6.33	7.31	7.70	7.63	7.54	7.65	7.93	8.55	9.50	10.45	11.01
20S	12.12	10.81	9.57	8.55	7.85	7.68	8.20	9.31	10.71	12.04	13.02	13.77	14.24	14.57	15.08	15.86	16.65	17.13
24S	17.07	16.12	15.01	13.78	12.63	11.91	11.80	12.32	13.45	15.03	16.67	17.94	18.70	19.05	19.35	19.78	20.17	20.51
28S	21.02	20.84	20.36	19.45	18.29	17.23	16.44	16.07	16.34	17.39	18.89	20.19	20.97	21.27	21.33	21.30	21.26	21.36
32S	22.78	23.32	23.69	23.64	23.12	22.29	21.28	20.33	19.82	20.03	20.77	21.52	22.01	22.21	22.13	21.84	21.51	21.31
36S	23.20	24.02	24.92	25.65	25.96	25.75	25.09	24.19	23.45	23.09	23.04	23.14	23.32	23.49	23.46	23.16	22.74	22.30
40S	24.07	24.84	25.84	26.87	27.67	28.02	27.88	27.38	26.77	26.23	25.81	25.59	25.68	25.92	25.98	25.75	25.33	24.76
44S	25.48	26.14	27.00	27.99	28.92	29.58	29.86	29.79	29.47	29.04	28.65	28.47	28.62	28.90	28.98	28.78	28.40	27.81
48S	26.62	27.27	28.01	28.85	29.68	30.36	30.81	30.97	30.86	30.65	30.50	30.51	30.68	30.87	30.89	30.69	30.36	29.90
52S	25.95	26.67	27.41	28.15	28.78	29.23	29.46	29.45	29.27	29.08	28.99	28.98	28.98	28.95	28.87	28.72	28.56	28.31
56S	23.03	23.73	24.43	25.02	25.40	25.51	25.34	24.98	24.55	24.16	23.88	23.65	23.30	23.14	22.96	22.85	22.63	22.44
60S	18.53	19.05	19.53	19.88	20.00	19.85	19.48	18.99	18.48	17.98	17.55	17.17	16.74	16.35	16.08	15.93	15.93	16.13
64S	13.02	13.22	13.37	13.42	13.34	13.14	12.86	12.55	12.24	11.89	11.53	11.15	10.70	10.28	9.96	9.75	9.71	9.86
68S	7.36	7.18	6.97	6.76	6.58	6.50	6.50	6.58	6.66	6.66	6.57	6.36	6.07	5.75	5.48	5.31	5.26	5.36
72S	3.43	2.96	2.51	2.14	1.93	1.93	2.11	2.42	2.99	3.12	3.15	3.15	3.08	2.97	2.91	2.93	3.00	3.13
76S	2.05	1.50	0.99	0.60	0.37	0.34	0.47	0.72	1.02	1.27	1.45	1.60	1.69	1.77	1.89	2.06	2.23	2.34
80S	2.15	1.70	1.30	0.97	0.77	0.68	0.70	0.82	0.98	1.12	1.25	1.38	1.50	1.63	1.75	1.86	1.95	1.96
84S	2.81	2.57	2.33	2.13	1.97	1.85	1.79	1.79	1.80	1.79	1.80	1.82	1.84	1.86	1.82	1.76	1.70	1.56
88S	3.37	3.30	3.20	3.09	2.98	2.84	2.72	2.61	2.46	2.31	2.16	2.01	1.85	1.68	1.45	1.23	1.01	0.75



Table 5.23--Continued

	92.5E	97.5E	102.5E	107.5E	112.5E	117.5E	122.5E	127.5E	132.5E	137.5E	142.5E	147.5E	152.5E	157.5E	162.5E	167.5E	172.5E	177.5E
88N	1-30	1-02	0-76	0-52	0-29	0-08	-0-13	-0-28	-0-42	-0-54	-0-65	-0-76	-0-87	-0-97	-1-07	-1-18	-1-27	-1-37
84N	1-48	1-20	0-96	0-70	0-64	0-56	0-56	0-82	0-72	0-86	1-01	1-16	1-29	1-41	1-48	1-52	1-53	1-50
80N	2-22	1-84	1-70	1-62	1-60	1-69	1-69	1-86	2-09	2-37	2-70	3-01	3-29	3-52	3-68	3-77	3-81	3-79
76N	3-61	3-49	3-40	3-27	3-16	3-11	3-13	3-25	3-45	3-72	4-04	4-37	4-67	4-89	5-02	5-10	5-10	5-03
72N	5-51	5-46	5-39	5-26	5-09	4-92	4-77	4-69	4-71	4-79	4-93	5-12	5-31	5-43	5-46	5-43	5-34	5-21
68N	7-51	7-46	7-39	7-26	7-07	6-82	6-53	6-23	5-97	5-78	5-63	5-53	5-61	5-57	5-48	5-33	5-12	4-89
64N	9-65	9-52	9-39	9-22	9-00	8-70	8-31	7-85	7-39	7-00	6-71	6-52	6-36	6-21	6-05	5-85	5-57	5-27
60N	12-35	12-08	11-77	11-43	11-05	10-59	10-06	9-52	9-02	8-60	8-35	8-23	8-14	8-06	7-95	7-79	7-55	7-32
56N	15-56	15-14	14-61	13-99	13-33	12-65	12-00	11-46	11-07	10-89	10-95	11-18	11-41	11-54	11-60	11-56	11-44	11-33
52N	18-61	18-21	17-59	16-79	15-90	15-08	14-45	14-09	14-06	14-43	15-15	16-02	16-74	17-16	17-36	17-37	17-29	17-23
48N	19-91	19-88	19-62	19-12	18-51	18-03	17-83	18-04	18-71	20-00	21-28	23-09	24-20	24-74	24-85	24-72	24-46	24-15
44N	19-37	19-84	20-25	20-51	20-74	21-13	21-78	22-83	24-31	26-28	28-21	29-74	30-66	30-95	30-83	30-52	30-06	29-41
40N	18-53	19-33	20-26	21-28	22-40	23-68	25-13	26-75	28-52	30-16	31-33	31-85	31-86	31-60	31-29	31-02	30-64	29-99
36N	17-99	18-88	20-07	21-55	23-20	24-92	26-61	28-10	29-15	29-46	28-87	27-65	26-36	25-46	25-09	25-04	25-03	24-79
32N	17-25	18-09	19-26	20-77	22-39	23-81	24-82	25-21	24-68	23-05	20-51	17-70	15-41	14-12	13-77	13-95	14-36	14-82
28N	14-16	14-88	15-85	17-01	18-03	18-51	18-27	17-24	15-34	12-63	9-50	6-63	4-00	3-50	3-33	3-50	4-02	4-99
24N	8-19	8-70	9-32	9-90	10-15	9-83	8-66	7-30	5-29	3-04	0-93	-0-63	-1-48	-1-74	-1-74	-1-65	-1-21	-0-24
20N	1-41	1-64	1-78	1-74	1-49	1-06	0-40	-0-52	-1-63	-2-75	-3-56	-3-81	-3-60	-3-20	-2-91	-2-70	-2-26	-1-38
16N	-4-18	-4-27	-4-61	-5-10	-5-45	-5-46	-5-19	-4-94	-4-92	-5-06	-5-05	-4-65	-3-96	-3-27	-2-71	-2-17	-1-48	-0-83
12N	-6-54	-6-89	-7-49	-8-07	-8-23	-7-75	-6-82	-5-92	-5-39	-5-21	-5-11	-4-77	-4-22	-3-64	-3-00	-2-10	-1-02	-0-05
8N	-5-82	-6-34	-6-95	-7-41	-7-43	-6-96	-6-25	-5-66	-5-41	-5-43	-5-51	-5-36	-5-03	-4-68	-4-09	-2-97	-1-59	-0-43
4N	-4-77	-5-20	-5-72	-6-14	-6-29	-6-23	-6-17	-6-16	-6-22	-6-33	-6-40	-6-27	-6-00	-5-76	-5-26	-4-21	-2-96	-1-92
0	-4-46	-4-54	-4-96	-5-47	-5-83	-6-20	-6-67	-7-02	-7-08	-6-97	-6-88	-6-78	-6-60	-6-40	-6-03	-5-37	-4-65	-3-10
4S	-3-91	-3-73	-4-14	-4-76	-5-29	-5-86	-6-56	-7-05	-7-02	-6-67	-6-41	-6-31	-6-20	-6-04	-5-85	-5-58	-5-35	-4-20
8S	-2-02	-2-06	-2-67	-3-36	-3-75	-4-31	-4-38	-4-67	-4-58	-4-26	-3-97	-3-79	-3-68	-3-66	-3-64	-3-48	-3-20	-2-92
12S	3-40	3-07	2-41	1-82	1-66	1-82	1-91	1-94	2-09	2-37	2-79	3-29	3-63	3-66	3-58	3-78	4-22	4-88
16S	11-15	11-04	10-78	10-48	10-36	10-43	10-51	10-56	10-74	11-16	11-89	12-81	13-54	13-79	13-81	13-99	14-35	14-81
20S	17-45	17-82	18-16	18-24	18-09	17-87	17-66	17-53	17-58	18-00	18-82	19-86	20-71	21-11	21-27	21-51	21-79	21-89
24S	21-00	21-79	22-61	23-08	23-04	22-72	22-36	22-06	21-34	22-05	22-57	23-25	23-80	24-07	24-24	24-49	24-75	24-88
28S	21-78	22-58	23-50	24-15	24-41	24-41	24-31	24-06	23-66	23-35	23-23	23-21	23-14	23-00	22-93	22-99	23-20	23-41
32S	21-34	21-65	22-15	22-64	23-08	23-49	23-81	23-76	23-25	22-53	21-77	21-04	20-34	19-72	19-26	19-00	19-03	19-28
36S	21-86	21-55	21-44	21-50	21-74	22-13	22-51	22-52	22-01	21-12	19-99	18-77	17-63	16-67	15-96	15-49	15-33	15-44
40S	24-04	23-32	22-74	22-34	22-11	22-07	22-06	21-87	21-34	20-45	19-23	17-84	16-53	15-48	14-74	14-25	13-99	13-93
44S	27-03	26-19	25-37	24-61	23-91	23-28	22-69	22-14	21-56	20-78	19-71	18-50	17-37	16-51	15-92	15-49	15-18	14-97
48S	29-30	28-61	27-81	26-95	26-02	25-00	23-98	23-13	22-47	21-85	21-16	20-46	19-84	19-39	19-05	18-69	18-35	18-04
52S	28-16	27-87	27-44	26-89	26-22	25-38	24-46	23-69	23-15	22-78	22-52	22-39	22-35	22-34	22-28	22-06	21-77	21-49
56S	23-13	23-32	23-44	23-48	23-43	23-23	22-93	22-68	22-56	22-57	22-70	22-98	23-36	23-68	23-90	23-96	23-89	23-82
60S	16-53	17-04	17-57	18-11	18-65	19-13	19-57	20-00	20-45	20-91	21-42	22-03	22-66	23-22	23-69	24-05	24-30	24-49
64S	10-24	10-80	11-48	12-27	13-14	14-07	15-05	16-04	16-99	17-88	18-71	19-54	20-32	21-01	21-64	22-20	22-65	23-00
68S	5-61	6-02	6-57	7-26	8-11	9-11	10-22	11-38	12-55	13-59	14-53	15-40	16-19	16-88	17-50	18-06	18-49	18-80
72S	3-27	3-49	3-78	4-17	4-72	5-40	6-15	6-95	7-78	8-56	9-24	9-86	10-43	10-92	11-33	11-68	11-90	12-02
76S	2-39	2-45	2-50	2-60	2-76	2-98	3-21	3-44	3-71	3-98	4-22	4-44	4-67	4-87	5-02	5-14	5-14	5-11
80S	1-89	1-79	1-66	1-52	1-39	1-27	1-14	0-99	0-87	0-76	0-66	0-59	0-56	0-54	0-51	0-47	0-35	0-22
84S	1-37	1-16	0-91	0-63	0-35	0-05	-0-24	-0-54	-0-82	-1-10	-1-35	-1-57	-1-74	-1-89	-2-01	-2-12	-2-23	-2-30
88S	0-47	0-17	-0-13	-0-43	-0-74	-1-06	-1-36	-1-64	-1-91	-2-17	-2-41	-2-61	-2-79	-2-96	-3-10	-3-19	-3-27	-3-32

Table 5.24

OCTOBER 400-mb MERIDIONAL GEOSTROPHIC (m/sec)

	177.5W	172.5W	167.5W	162.5W	157.5W	152.5W	147.5W	142.5W	137.5W	132.5W	127.5W	122.5W	117.5W	112.5W	107.5W	102.5W	97.5W	92.5W
88N	-1.22	-1.10	-0.98	-0.84	-0.69	-0.51	-0.25	-0.05	0.23	0.49	0.76	1.06	1.37	1.67	1.95	2.24	2.54	2.77
84N	-0.99	-1.05	-1.09	-1.11	-1.11	-1.12	-1.11	-1.00	-0.83	-0.67	-0.47	-0.20	0.12	0.48	0.85	1.27	1.73	2.19
80N	-0.73	-0.79	-0.80	-0.79	-0.78	-0.85	-0.98	-1.08	-1.19	-1.32	-1.40	-1.39	0.12	0.48	0.85	1.27	1.73	2.19
76N	-0.51	-0.39	-0.20	0.03	0.23	0.25	0.08	-0.24	-0.71	-1.25	-1.79	-2.23	-2.45	-2.48	-2.33	-1.97	-1.43	-0.70
72N	-0.38	0.01	0.53	1.13	1.68	1.95	1.88	1.41	0.60	-0.44	-1.55	-2.55	-3.26	-3.68	-3.75	-3.59	-3.17	-2.47
68N	-0.47	0.15	1.05	2.09	3.09	3.80	3.00	3.55	2.51	1.03	-0.65	-2.22	-3.43	-4.19	-4.54	-4.60	-4.38	-3.84
64N	-0.72	0.08	1.24	2.67	4.12	5.32	5.8	5.57	4.46	2.74	0.65	-1.37	-2.96	-4.03	-4.64	-4.90	-4.87	-4.55
60N	-0.88	0.03	1.36	3.02	4.77	6.28	7.13	7.00	5.97	4.21	1.54	-0.34	-2.21	-3.55	-4.40	-4.81	-4.93	-4.70
56N	-0.85	0.15	1.57	3.30	5.07	6.64	7.62	7.67	6.82	5.24	3.02	0.60	-1.47	-3.02	-4.06	-4.56	-4.73	-4.63
52N	-0.64	0.43	1.86	3.50	5.03	6.38	7.29	7.47	6.91	5.64	3.63	1.25	-0.92	-2.61	-3.75	-4.26	-4.34	-4.17
48N	-0.72	0.37	1.79	3.27	4.44	5.39	6.09	6.35	6.07	5.16	3.49	1.38	-0.58	-2.22	-3.37	-3.83	-3.75	-3.59
44N	-1.47	-0.42	0.98	2.34	3.21	3.78	4.26	4.52	4.42	3.83	2.61	1.11	-0.30	-1.62	-2.68	-3.14	-2.96	-2.45
40N	-1.65	-1.69	-0.36	0.91	1.65	2.04	2.35	2.52	2.46	2.11	1.44	0.71	0.04	-0.78	-1.68	-2.20	-2.14	-1.50
36N	-3.82	-3.03	-1.81	-0.59	0.21	0.63	0.85	0.87	0.70	0.50	0.37	0.39	0.43	0.11	-0.59	-1.16	-1.22	-0.87
32N	-4.48	-3.96	-2.89	-1.65	-0.62	0.01	0.21	0.02	-0.3	-0.48	-0.22	0.32	0.79	0.77	0.30	-0.20	-0.35	-0.10
28N	-4.24	-3.94	-3.04	-1.81	-0.61	0.23	0.45	0.11	-0.38	-0.53	-0.15	0.50	0.96	0.94	0.63	0.35	0.24	0.10
24N	-3.39	-3.13	-2.38	-1.29	-0.16	0.72	0.97	0.63	0.16	-0.02	0.25	0.69	0.87	0.69	0.43	0.43	0.25	0.25
20N	-2.56	-2.22	-1.58	-0.69	0.26	1.06	1.35	1.10	0.70	0.46	0.21	0.65	0.58	0.24	0.00	0.21	0.25	0.23
16N	-1.96	-1.57	-1.03	-0.34	0.47	1.21	1.54	1.40	1.04	0.66	0.44	0.34	0.13	-0.25	-0.44	-0.08	0.36	0.04
12N	-1.46	-1.19	-0.88	-0.39	0.35	1.09	1.42	1.32	0.94	0.44	0.04	-0.17	-0.33	-0.54	-0.59	-0.21	0.18	-0.14
8N	-0.84	-0.85	-0.97	-0.78	-0.06	0.74	1.03	0.85	0.48	0.07	-0.26	-0.44	-0.49	-0.51	-0.39	-0.07	0.12	-0.18
4N	-0.40	-0.35	-0.56	-0.62	-0.17	0.45	0.67	0.43	0.13	-0.07	-0.24	-0.38	-0.44	-0.36	-0.15	0.08	0.13	-0.13
0	-0.36	0.28	0.60	0.50	0.32	0.42	0.51	0.30	0.07	0.01	-0.05	-0.26	-0.40	-0.27	-0.05	0.05	0.07	-0.12
4S	-0.36	0.93	1.89	1.84	1.12	0.70	0.61	0.41	0.20	0.24	0.24	-0.08	-0.37	-0.26	-0.07	-0.09	-0.12	-0.27
8S	-0.10	1.51	2.72	2.77	2.06	1.49	1.17	0.79	0.53	0.62	0.64	0.16	-0.36	-0.37	-0.21	-0.38	-0.61	-0.75
12S	0.20	1.66	2.72	2.98	2.77	2.46	2.04	1.49	1.08	1.03	0.92	0.26	-0.49	-0.64	-0.54	-0.89	-1.41	-1.59
16S	0.17	1.21	1.99	2.47	2.80	2.84	2.54	2.07	1.58	1.26	0.91	0.15	-0.66	-0.86	-0.85	-1.37	-2.15	-2.45
20S	-0.12	0.48	0.95	1.51	2.15	2.44	2.34	2.09	1.70	1.22	0.73	0.04	-0.65	-0.86	-0.92	-1.51	-2.45	-2.55
24S	-0.43	-0.19	0.04	0.51	1.17	1.55	1.62	1.61	1.39	0.94	0.49	0.01	-0.4	-0.74	-0.87	-1.40	-2.28	-2.51
28S	-0.54	-0.51	-0.45	-0.18	0.28	0.60	0.76	0.89	0.83	0.55	0.29	0.04	-0.32	-0.68	-0.90	-1.25	-1.82	-2.36
32S	-0.32	-0.33	-0.35	-0.30	-0.11	0.07	0.20	0.33	0.36	0.28	0.21	0.05	-0.34	-0.83	-1.14	-1.28	-1.94	-1.65
36S	0.12	0.24	0.23	0.10	0.04	0.08	0.10	0.12	0.15	0.18	0.18	-0.01	-0.48	-1.04	-1.39	-1.59	-1.15	-1.14
40S	0.54	0.92	1.00	0.76	0.54	0.44	0.32	0.17	0.05	0.12	0.12	-0.08	-0.55	-1.09	-1.43	-1.35	-1.02	-0.82
44S	0.74	1.39	1.62	1.38	1.09	0.90	0.67	0.35	0.11	0.06	0.04	-0.13	-0.51	-0.96	-1.25	-1.14	-0.86	-0.57
48S	0.59	1.37	1.73	1.60	1.34	1.16	0.91	0.51	0.15	-0.01	-0.05	-0.15	-0.39	-0.71	-0.90	-0.78	-0.49	-0.30
52S	0.13	0.77	1.12	1.14	1.04	0.97	0.81	0.49	0.15	-0.04	-0.09	-0.14	-0.26	-0.43	-0.52	-0.42	-0.23	-0.06
56S	-0.35	0.02	0.24	0.35	0.40	0.45	0.43	0.48	0.09	-0.02	-0.06	-0.12	-0.17	-0.22	-0.24	-0.24	-0.17	-0.05
60S	-0.53	-0.42	-0.36	-0.28	-0.20	-0.14	-0.09	-0.09	-0.12	-0.14	-0.16	-0.21	-0.22	-0.18	-0.20	-0.29	-0.41	-0.36
64S	-0.36	-0.50	-0.63	-0.70	-0.73	-0.76	-0.78	-0.75	-0.69	-0.64	-0.63	-0.62	-0.56	-0.49	-0.53	-0.71	-0.93	-1.00
68S	-0.02	-0.35	-0.72	-1.03	-1.27	-1.50	-1.69	-1.78	-1.75	-1.71	-1.65	-1.54	-1.40	-1.31	-1.36	-1.56	-1.77	-1.85
72S	0.18	-0.28	-0.83	-1.37	-1.85	-2.29	-2.67	-2.95	-3.08	-3.13	-3.08	-2.94	-2.77	-2.66	-2.63	-2.73	-2.78	-2.71
76S	0.18	-0.32	-0.89	-1.51	-2.13	-2.70	-3.21	-3.64	-3.97	-4.17	-4.24	-4.20	-4.10	-4.00	-3.90	-3.81	-3.68	-3.42
80S	0.19	-0.28	-0.79	-1.35	-1.95	-2.55	-3.10	-3.60	-4.04	-4.38	-4.60	-4.72	-4.73	-4.68	-4.59	-4.43	-4.20	-3.92
84S	0.21	-0.21	-0.62	-1.08	-1.57	-2.08	-2.57	-3.05	-3.52	-3.89	-4.18	-4.39	-4.52	-4.57	-4.56	-4.47	-4.31	-4.11
88S	0.05	-0.32	-0.66	-1.00	-1.36	-1.73	-2.08	-2.43	-2.77	-3.07	-3.32	-3.51	-3.67	-3.80	-3.88	-3.91	-3.89	-3.83

Table 5.24--Continued

	87.5W	82.5W	77.5W	72.5W	67.5W	62.5W	57.5W	52.5W	47.5W	42.5W	37.5W	32.5W	27.5W	22.5W	17.5W	12.5W	7.5W	2.5W
88N	2.99	3.18	3.35	3.47	3.57	3.65	3.69	3.68	3.62	3.54	3.45	3.33	3.16	2.98	2.76	2.53	2.27	1.95
84N	2.63	3.07	3.45	3.78	4.07	4.30	4.45	4.51	4.50	4.45	4.38	4.26	4.11	3.89	3.61	3.31	2.98	2.55
80N	1.65	2.40	3.11	3.76	4.32	4.74	5.03	5.17	5.20	5.19	5.13	5.03	4.85	4.65	4.31	3.90	3.45	2.90
76N	0.20	1.22	2.28	3.29	4.15	4.81	5.26	5.51	5.61	5.66	5.66	5.62	5.51	5.27	4.92	4.44	3.85	3.17
72N	-1.49	-0.31	1.02	2.34	3.50	4.40	5.04	5.43	5.64	5.81	5.96	6.06	6.07	5.89	5.54	5.01	4.34	3.54
68N	-2.95	-1.76	-0.36	1.10	2.44	3.51	4.29	4.83	5.21	5.57	5.95	6.32	6.57	6.51	6.13	5.53	4.81	3.95
64N	-3.84	-2.77	-1.46	-0.04	1.35	2.49	3.32	3.98	4.55	5.12	5.73	6.38	6.86	6.88	6.39	5.65	4.86	4.02
60N	-4.21	-3.29	-2.14	-0.81	0.59	1.78	2.63	3.36	4.09	4.78	5.48	6.21	6.74	6.67	5.98	5.02	4.14	3.43
56N	-4.16	-3.39	-2.42	-1.17	0.28	1.53	2.43	3.23	4.03	4.68	5.19	5.71	6.03	5.70	4.71	3.54	2.63	2.13
52N	-3.72	-3.07	-2.25	-1.05	0.45	1.77	2.71	3.55	4.31	4.72	4.75	4.71	4.55	3.85	2.60	1.32	0.49	0.31
48N	-2.85	-2.23	-1.47	-0.32	1.09	2.30	3.13	3.82	4.36	4.38	3.81	3.12	2.45	1.48	0.15	-1.07	-1.66	-1.40
44N	-1.77	-1.06	-0.23	0.83	1.97	2.82	3.29	3.57	3.68	3.31	2.33	1.25	0.35	-0.63	-1.83	-2.84	-3.13	-2.84
40N	-0.85	-0.02	0.90	1.87	2.66	3.07	3.08	2.83	2.47	1.82	0.74	-0.37	-1.21	-2.01	-2.95	-3.67	-3.69	-3.01
36N	-0.26	0.58	1.54	2.39	2.86	2.90	2.50	1.80	1.10	0.37	-0.54	-1.42	-2.04	-2.58	-3.22	-3.63	-3.40	-2.64
32N	0.00	0.63	1.51	2.19	2.38	2.17	1.57	0.68	-0.12	-0.70	-1.23	-1.72	-2.08	-2.41	-2.76	-2.85	-2.43	-1.70
28N	-0.04	0.26	1.02	1.54	1.44	1.02	0.42	-0.31	-0.91	-1.19	-1.30	-1.39	-1.51	-1.68	-1.78	-1.62	-1.15	-0.60
24N	-0.27	-0.22	0.56	1.02	0.64	-0.05	-0.59	-1.00	-1.23	-1.23	-1.07	-0.86	-0.77	-0.78	-0.67	-0.37	-0.03	0.20
20N	-0.57	-0.56	0.41	0.92	0.27	-0.72	-1.25	-1.34	-1.23	-1.05	-0.78	-0.42	-0.16	-0.02	0.23	0.56	0.67	0.53
16N	-0.81	-0.67	0.56	1.13	0.25	-1.02	-1.58	-1.43	-1.03	-0.73	-0.46	-0.09	0.23	0.48	0.79	1.03	0.88	0.48
12N	-0.78	-0.45	0.78	1.25	0.30	-0.99	-1.54	-1.28	-0.72	-0.33	-0.12	0.11	0.38	0.66	0.91	0.95	0.84	0.24
8N	-0.48	-0.01	0.86	0.96	0.10	-0.86	-1.24	-0.98	-0.42	-0.03	0.06	0.12	0.35	0.62	0.74	0.60	0.25	0.22
4N	-0.33	-0.01	0.51	0.52	-0.05	-0.61	-0.75	-0.45	-0.01	0.20	0.10	0.00	0.11	0.34	0.45	0.33	0.12	0.11
0	-0.51	-0.67	-0.29	0.15	0.11	-0.14	-0.06	0.34	0.62	0.51	0.17	-0.16	-0.33	-0.50	0.06	0.13	0.04	0.04
4S	-0.86	-1.44	-1.17	-0.28	0.24	0.34	0.69	1.21	1.31	0.88	0.26	-0.36	-0.80	-0.74	-0.36	-0.11	-0.05	-0.07
8S	-1.25	-1.88	-1.82	-0.98	-0.08	0.66	1.42	1.98	1.93	1.27	0.35	-0.56	-1.09	-1.07	-0.79	-0.56	-0.25	-0.26
12S	-1.74	-2.05	-2.13	-1.63	-0.60	0.74	1.91	2.51	2.44	1.75	0.61	-0.55	-1.17	-1.21	-1.26	-1.21	-0.75	-0.34
16S	-2.33	-2.27	-2.30	-2.02	-1.01	0.56	1.96	2.74	2.90	2.37	1.13	-0.24	-0.79	-1.30	-1.66	-1.82	-1.42	-1.17
20S	-2.81	-2.55	-2.49	-2.36	-1.49	0.11	1.64	2.72	3.28	2.99	1.71	0.20	-0.69	-1.19	-1.77	-2.11	-1.65	-1.82
24S	-2.96	-2.73	-2.66	-2.65	-1.98	-0.47	1.17	2.52	3.43	3.35	2.11	0.59	-0.37	-0.94	-1.56	-2.00	-2.02	-2.25
28S	-2.60	-2.53	-2.53	-2.66	-2.23	-0.88	0.77	2.20	3.20	3.20	2.09	0.73	-0.11	-0.57	-1.09	-1.53	-1.75	-2.25
32S	-1.87	-1.84	-1.80	-2.01	-1.88	-0.84	0.60	1.81	2.56	2.49	1.60	0.58	0.04	-0.22	-0.55	-0.89	-1.17	-1.75
36S	-1.19	-0.99	-0.71	-0.86	-1.02	-0.43	0.59	1.40	1.79	1.63	0.99	0.36	0.13	0.07	-0.10	-0.30	-0.54	-1.06
40S	-0.73	-0.31	0.23	0.23	-0.09	0.08	0.67	1.12	1.26	1.09	0.67	0.33	0.29	0.33	0.28	0.21	0.01	-0.50
44S	-0.41	0.14	0.85	0.99	0.65	0.58	0.90	1.16	1.21	1.06	0.81	0.63	0.64	0.67	0.70	0.76	0.59	0.05
48S	-0.11	0.44	1.13	1.33	1.11	1.09	1.39	1.67	1.71	1.57	1.38	1.26	1.19	1.14	1.22	1.38	1.25	0.67
52S	0.16	0.65	1.20	1.38	1.34	1.56	2.05	2.46	2.56	2.41	2.18	2.02	1.87	1.74	1.81	2.00	1.91	1.40
56S	0.20	0.65	1.08	1.24	1.35	1.76	2.39	2.90	3.12	3.04	2.82	2.66	2.51	2.35	2.39	2.57	2.56	2.25
60S	-0.13	0.27	0.65	0.83	1.01	1.46	2.07	2.62	2.97	3.08	3.06	3.04	2.97	2.87	2.92	3.13	3.23	3.16
64S	-0.82	-0.47	-0.13	0.10	0.30	0.67	1.20	1.75	2.25	2.63	2.89	3.07	3.17	3.22	3.36	3.61	3.82	3.98
68S	-1.70	-1.41	-1.11	-0.86	-0.63	-0.32	0.13	0.68	1.29	1.88	2.40	2.81	3.11	3.33	3.58	3.89	4.19	4.47
72S	-2.50	-2.22	-1.93	-1.66	-1.38	-1.06	-0.64	-0.09	0.54	1.18	1.78	2.30	2.74	3.07	3.39	3.73	4.03	4.30
76S	-3.11	-2.78	-2.47	-2.17	-1.84	-1.50	-1.09	-0.58	-0.01	0.57	1.10	1.61	2.09	2.46	2.80	3.10	3.32	3.50
80S	-3.59	-3.24	-2.92	-2.61	-2.28	-1.94	-1.56	-1.13	-0.66	0.31	0.78	1.22	1.60	1.91	2.15	2.35	2.50	2.68
84S	-3.86	-3.59	-3.33	-3.06	-2.77	-2.47	-2.15	-1.81	-1.43	-1.03	-0.63	-0.22	0.15	0.48	0.76	0.96	1.08	1.16
88S	-3.74	-3.64	-3.51	-3.35	-3.17	-2.96	-2.74	-2.51	-2.23	-1.95	-1.65	-1.34	-1.04	-0.75	-0.47	-0.22	-0.03	0.18

Table 5.24--Continued

	2.5E	7.5E	12.5E	17.5E	22.5E	27.5E	32.5E	37.5E	42.5E	47.5E	52.5E	57.5E	62.5E	67.5E	72.5E	77.5E	82.5E	87.5E
88N	1.63	1.28	0.92	0.54	0.16	-0.24	-0.67	-1.09	-1.48	-1.84	-2.16	-2.46	-2.73	-2.95	-3.13	-3.27	-3.34	-3.39
84N	2.05	1.53	0.97	0.37	-0.21	-0.81	-1.42	-2.03	-2.60	-3.08	-3.50	-3.87	-4.15	-4.34	-4.43	-4.41	-4.20	-4.02
80N	2.23	1.51	0.74	-0.06	-0.85	-1.61	-2.31	-2.97	-3.58	-4.10	-4.54	-4.90	-5.15	-5.24	-5.16	-4.94	-4.50	-4.17
76N	2.34	1.41	0.39	-0.64	-1.63	-2.53	-3.26	-3.86	-4.37	-4.79	-5.16	-5.48	-5.59	-5.54	-5.29	-4.88	-4.36	-3.63
72N	2.56	1.41	0.13	-1.20	-2.45	-3.49	-4.25	-4.72	-5.01	-5.20	-5.38	-5.53	-5.51	-5.30	-4.84	-4.33	-3.71	-3.16
68N	2.91	1.66	0.19	-1.43	-2.99	-4.24	-5.05	-5.41	-5.47	-5.40	-5.35	-5.31	-5.14	-4.78	-4.24	-3.61	-3.00	-2.26
64N	3.09	1.97	0.53	-1.22	-3.02	-4.49	-5.36	-5.65	-5.58	-5.38	-5.19	-5.01	-4.73	-4.29	-3.70	-3.09	-2.50	-1.63
60N	2.79	2.04	0.90	-0.75	-2.64	-4.21	-5.09	-5.33	-5.19	-4.98	-4.81	-4.61	-4.29	-3.84	-3.30	-2.79	-2.30	-1.60
56N	1.96	1.78	1.15	-0.22	-2.00	-3.52	-4.33	-4.47	-4.30	-4.16	-4.09	-3.96	-3.67	-3.27	-2.84	-2.49	-2.20	-1.44
52N	0.68	1.18	1.17	0.23	-1.28	-2.60	-3.22	-3.21	-3.00	-2.95	-3.02	-2.98	-2.75	-2.42	-2.12	-1.96	-2.00	-1.26
48N	-0.65	0.39	0.88	0.39	-0.66	-1.55	-1.87	-1.71	-1.51	-1.60	-1.82	-1.87	-1.69	-1.40	-1.18	-1.19	-1.40	-0.67
44N	-1.58	-0.35	0.37	0.27	-0.19	-0.46	-0.42	-0.20	-0.13	-0.44	-0.84	-1.00	-0.87	-0.62	-0.41	-0.48	-0.85	-1.01
40N	-1.94	-0.84	-0.13	0.07	0.19	0.53	0.89	1.07	0.91	0.38	-0.17	-0.42	-0.38	-0.20	-0.02	-0.06	-0.44	-1.06
36N	-1.74	-1.00	-0.52	-0.16	0.44	1.28	1.88	1.94	1.52	0.85	0.27	-0.00	-0.04	0.02	0.13	0.12	-0.14	-0.55
32N	-1.08	-0.79	-0.71	-0.40	0.47	1.62	2.34	2.31	1.76	1.08	0.60	0.40	0.32	0.24	0.22	0.21	0.09	-0.14
28N	-0.30	-0.40	-0.68	-0.59	0.25	1.49	2.29	2.31	1.80	1.21	0.88	0.80	0.72	0.51	0.26	0.15	0.17	0.14
24N	0.21	-0.07	-0.49	-0.59	0.06	1.19	2.03	2.16	1.75	1.24	1.00	1.01	0.98	0.64	0.09	-0.21	-0.03	0.36
20N	0.35	0.11	-0.22	-0.33	0.13	1.00	1.72	1.89	1.55	1.08	0.84	0.89	0.92	0.49	-0.32	-0.75	-0.37	0.43
16N	0.25	0.21	0.12	0.10	0.35	0.83	1.27	1.40	1.16	0.74	0.46	0.47	0.54	0.14	-0.74	-1.20	-0.61	0.51
12N	0.16	0.33	0.46	0.49	0.47	0.50	0.58	0.62	0.50	0.21	-0.09	-0.18	-0.09	-0.27	-0.59	-1.16	-0.49	1.28
8N	0.30	0.62	0.78	0.88	0.39	0.12	-0.07	-0.21	-0.30	-0.41	-0.60	-0.71	-0.57	-0.45	-0.64	-0.72	-0.44	0.25
4N	0.34	0.54	0.56	0.42	0.22	0.03	-0.16	-0.31	-0.37	-0.46	-0.68	-0.84	-0.66	-0.33	-0.23	-0.23	0.03	0.49
0	-0.00	-0.25	-0.42	-0.26	0.05	0.25	0.34	0.46	0.52	0.22	-0.36	-0.74	-0.54	-0.09	0.16	0.46	0.47	0.08
4S	-0.47	-1.23	-1.60	-1.02	-0.03	0.67	1.08	1.41	1.39	0.74	-0.20	-0.69	-0.39	0.20	0.58	0.80	1.03	1.04
8S	-0.85	-1.99	-2.44	-1.52	0.01	1.19	1.84	1.93	1.26	0.08	-0.87	-1.01	-0.32	0.53	1.03	1.37	1.59	1.28
12S	-1.29	-2.55	-2.88	-1.68	0.18	1.71	2.52	2.21	0.69	-1.05	-1.87	-1.47	-0.30	0.84	1.54	2.01	2.33	2.02
16S	-1.94	-3.12	-3.20	-1.75	0.30	2.07	3.10	2.74	0.84	-1.28	-2.15	-1.56	-0.20	1.09	2.01	2.60	2.77	2.15
20S	-2.65	-3.69	-3.58	-2.03	0.10	2.09	3.47	3.42	1.63	-0.55	-1.56	-1.15	0.02	1.27	2.31	2.98	2.91	2.12
24S	-3.19	-4.17	-4.09	-2.67	-0.52	1.70	3.48	3.93	2.67	0.80	-0.30	-0.32	0.36	1.37	2.43	3.08	2.95	2.17
28S	-3.32	-4.37	-4.57	-3.51	-1.48	0.90	2.96	3.88	3.38	2.17	1.18	0.72	0.79	1.41	2.33	2.89	2.75	2.23
32S	-2.82	-3.92	-4.43	-3.88	-2.24	-0.06	1.92	3.09	3.30	2.86	2.15	1.46	1.11	1.37	2.03	2.45	2.36	2.14
36S	-1.98	-2.93	-3.52	-3.39	-2.33	-0.71	0.86	2.02	2.65	2.72	2.30	1.68	1.26	1.33	1.73	1.97	1.86	1.73
40S	-1.22	-1.88	-2.35	-2.41	-1.84	-0.82	0.26	1.22	1.92	2.16	1.95	1.63	1.42	1.43	1.56	1.57	1.34	1.00
44S	-0.57	-0.97	-1.22	-1.30	-1.02	-0.45	0.17	0.79	1.36	1.57	1.52	1.56	1.67	1.65	1.50	1.23	0.77	0.27
48S	0.07	-0.18	-0.23	-0.23	-0.08	0.22	0.47	0.72	1.05	1.21	1.31	1.66	2.01	1.90	1.44	0.89	0.44	-0.20
52S	0.89	0.73	0.75	0.75	0.78	0.83	0.77	0.72	0.88	1.08	1.32	1.80	2.20	1.99	1.35	0.65	-0.13	-0.37
56S	1.94	1.86	1.84	1.64	1.34	0.99	0.57	0.32	0.44	0.77	1.15	1.66	2.03	1.84	1.24	0.58	-0.15	-0.43
60S	3.07	3.03	2.85	2.32	1.54	0.68	-0.11	-0.52	-0.38	0.09	0.62	1.16	1.57	1.49	1.04	0.53	-0.00	-0.25
64S	4.06	4.00	3.61	2.74	1.52	0.22	-0.86	-1.39	-1.25	-0.72	-0.09	0.51	0.91	0.92	0.64	0.34	0.12	-0.00
68S	4.63	4.51	3.96	2.90	1.46	-0.02	-1.17	-1.76	-1.70	-1.24	-0.68	-0.16	0.15	0.20	0.08	0.03	0.14	0.37
72S	4.43	4.26	3.71	2.76	1.51	0.24	-0.73	-1.26	-1.32	-1.09	-0.78	-0.48	-0.30	-0.25	-0.23	-0.05	0.34	0.65
76S	3.54	3.38	2.97	2.33	1.52	0.69	0.04	-0.34	-0.47	-0.47	-0.38	-0.25	-0.14	-0.06	0.10	0.46	0.99	1.25
80S	2.38	2.30	2.08	1.76	1.36	0.96	0.64	0.44	0.34	0.30	0.33	0.44	0.59	0.74	0.98	1.38	1.87	2.33
84S	1.24	1.29	1.28	1.23	1.17	1.12	1.08	1.10	1.15	1.21	1.29	1.47	1.64	1.83	2.06	2.36	2.71	2.96
88S	0.42	0.65	0.85	1.03	1.22	1.42	1.60	1.79	1.98	2.15	2.32	2.48	2.66	2.84	3.00	3.15	3.30	3.46

Table 5.24--Continued

	92.5E	97.5E	102.5E	107.5E	112.5E	117.5E	122.5E	127.5E	132.5E	137.5E	142.5E	147.5E	152.5E	157.5E	162.5E	167.5E	172.5E	177.5E
88N	-3.34	-3.29	-3.21	-3.09	-2.95	-2.84	-2.70	-2.55	-2.40	-2.26	-2.14	-2.01	-1.89	-1.76	-1.65	-1.55	-1.46	-1.35
84N	-3.77	-3.45	-3.07	-2.66	-2.25	-1.87	-1.50	-1.15	-0.86	-0.64	-0.50	-0.42	-0.43	-0.46	-0.52	-0.66	-0.83	-0.94
80N	-3.75	-3.27	-2.74	-2.18	-1.60	-1.01	-0.41	0.13	0.54	0.84	0.98	0.96	0.79	0.53	0.24	-0.09	-0.40	-0.82
76N	-3.3	-2.91	-2.41	-1.88	-1.25	-0.54	0.21	0.91	1.46	1.85	2.00	1.91	1.59	1.14	0.63	0.14	-0.25	-0.69
72N	-2.81	-2.51	-2.21	-1.82	-1.27	-0.57	0.22	1.03	1.72	2.21	2.42	2.31	1.94	1.37	0.70	0.09	-0.35	-0.89
68N	-2.34	-2.24	-2.14	-1.91	-1.52	-0.96	-0.24	0.54	1.28	1.88	2.21	2.17	1.83	1.24	0.50	-0.19	-0.66	-1.14
64N	-2.13	-2.15	-2.13	-2.01	-1.79	-1.44	-0.91	-0.25	0.47	1.15	1.63	1.71	1.43	0.87	0.13	-0.61	-1.10	-1.54
60N	-2.16	-2.26	-2.28	-2.20	-2.13	-1.98	-1.63	-1.05	-0.34	0.45	1.10	1.30	1.06	0.55	-0.18	-0.98	-1.48	-1.93
56N	-2.42	-2.66	-2.74	-2.73	-2.74	-2.67	-2.35	-1.76	-0.95	0.04	0.91	1.23	1.00	0.46	-0.30	-1.17	-1.67	-2.11
52N	-2.78	-3.27	-3.56	-3.67	-3.70	-3.54	-3.04	-2.22	-1.12	0.19	1.32	1.74	1.41	0.70	-0.20	-1.18	-1.65	-2.12
48N	-2.88	-3.66	-4.26	-4.59	-4.61	-4.24	-3.39	-2.10	-0.44	1.37	2.76	3.05	2.27	1.07	-0.15	-1.28	-1.84	-2.31
44N	-2.51	-3.42	-4.26	-4.80	-4.80	-4.19	-2.93	-1.66	1.26	3.54	4.93	4.71	3.14	1.26	-0.36	-1.66	-2.36	-2.81
40N	-1.86	-2.69	-3.56	-4.14	-4.06	-3.21	-1.60	0.70	3.38	5.69	6.66	5.74	3.49	1.14	-0.69	-2.12	-3.05	-3.58
36N	-1.13	-1.74	-2.44	-2.87	-2.64	-1.61	0.16	2.51	5.02	6.83	7.06	5.53	3.01	0.71	-0.98	-2.40	-3.55	-4.04
32N	-0.43	-0.78	-1.18	-1.36	-1.01	0.01	1.62	3.57	5.33	6.19	5.62	3.80	1.65	0.02	-1.13	-2.34	-3.59	-4.26
28N	0.15	0.05	-0.05	-0.10	0.09	0.71	1.83	3.11	4.00	4.03	3.02	1.41	0.05	-0.67	-1.24	-2.16	-3.25	-4.01
24N	0.63	0.75	0.78	0.61	0.36	0.36	0.89	1.65	2.09	1.88	0.94	-0.20	-0.88	-1.06	-1.39	-2.16	-2.93	-3.52
20N	1.03	1.29	1.24	0.82	0.15	-0.26	-0.09	0.45	0.82	0.71	0.07	-0.68	-1.02	-1.08	-1.50	-2.29	-2.80	-3.26
16N	1.30	1.55	1.32	0.66	-0.13	-0.55	-0.37	0.09	0.41	0.40	0.02	-0.48	-0.70	-0.83	-1.45	-2.33	-2.79	-3.19
12N	1.55	1.37	0.95	0.31	-0.15	-0.13	0.25	0.56	0.61	0.46	0.19	-0.09	-0.23	-0.40	-1.03	-1.84	-2.13	-2.44
8N	1.04	0.92	0.44	0.04	0.04	0.47	0.95	1.05	0.76	0.42	0.25	0.16	0.11	0.01	-0.35	-0.86	-1.12	-1.42
4N	0.74	0.57	0.16	-0.12	-0.03	0.42	0.87	0.92	0.59	0.24	0.14	0.16	0.17	0.15	-0.03	-0.33	-0.65	-0.92
0	0.63	0.37	0.05	-0.27	-0.44	-0.26	0.15	0.39	0.32	0.08	-0.08	-0.08	0.01	0.03	-0.25	-0.74	-1.04	-1.30
4S	0.65	0.17	-0.14	-0.49	-0.95	-1.09	-0.73	-0.21	0.10	0.01	-0.26	-0.35	-0.20	-0.18	-0.61	-1.27	-1.59	-1.89
8S	0.80	-0.12	-0.54	-0.92	-1.33	-1.67	-1.41	-0.60	0.06	0.11	-0.21	-0.39	-0.31	-0.35	-0.80	-1.41	-1.87	-2.27
12S	0.84	-0.53	-1.24	-1.30	-1.39	-1.69	-1.54	-0.67	0.16	0.33	0.07	-0.16	-0.26	-0.47	-0.82	-1.17	-1.59	-1.96
16S	0.71	-0.79	-1.51	-1.40	-1.25	-1.42	-1.33	-0.55	0.32	0.65	0.57	0.36	-0.00	-0.45	-0.75	-0.88	-0.92	-0.64
20S	0.75	-0.62	-1.34	-1.33	-1.20	-1.34	-1.24	-0.47	0.50	1.07	1.26	1.08	0.45	-0.24	-0.54	-0.58	-0.65	-0.58
24S	1.08	-0.00	-0.76	-1.10	-1.28	-1.47	-1.32	-0.54	0.54	1.39	1.82	1.66	0.87	0.01	-0.28	-0.27	-0.42	-0.57
28S	1.61	0.88	0.06	-0.68	-1.25	-1.59	-1.46	-0.76	0.31	1.35	1.95	1.80	0.95	0.10	-0.11	0.00	-0.15	-0.45
32S	1.89	1.44	0.69	-0.18	-0.88	-1.28	-1.33	-1.00	-0.20	0.77	1.40	1.28	0.51	-0.20	-0.27	0.04	-0.05	-0.20
36S	1.60	1.33	0.82	0.14	-0.39	-0.68	-0.97	-1.18	-0.88	-0.19	0.30	0.20	-0.39	-0.90	-0.76	-0.22	0.07	0.06
40S	0.89	0.76	0.48	0.03	-0.26	-0.39	-0.81	-1.41	-1.58	-1.27	-1.05	-1.19	-1.58	-1.78	-1.36	-0.57	-0.03	0.20
44S	-0.00	-0.08	-0.24	-0.57	-0.71	-0.72	-1.13	-1.86	-2.30	-2.35	-2.44	-2.65	-2.82	-2.66	-1.95	-0.95	-0.26	0.16
48S	-0.92	-1.03	-1.23	-1.60	-1.75	-1.74	-2.05	-2.64	-3.04	-3.27	-3.59	-3.84	-3.79	-3.55	-2.45	-1.38	-0.61	-0.09
52S	-1.53	-1.78	-2.14	-2.67	-2.97	-3.08	-3.34	-3.66	-3.80	-3.93	-4.21	-4.36	-4.17	-3.67	-2.83	-1.84	-1.06	-0.50
56S	-1.52	-1.92	-2.48	-3.17	-3.67	-4.00	-4.32	-4.48	-4.38	-4.28	-4.31	-4.26	-4.01	-3.60	-2.97	-2.14	-1.38	-0.62
60S	-0.98	-1.40	-2.04	-2.81	-3.47	-3.99	-4.42	-4.56	-4.37	-4.13	-3.97	-3.77	-3.49	-3.16	-2.70	-2.01	-1.29	-0.79
64S	-0.20	-0.45	-0.98	-1.69	-2.38	-2.97	-3.44	-3.61	-3.48	-3.24	-3.04	-2.84	-2.59	-2.33	-1.98	-1.40	-0.77	-0.40
68S	0.59	0.63	0.37	-0.11	-0.62	-1.09	-1.46	-1.63	-1.63	-1.55	-1.47	-1.41	-1.32	-1.17	-0.89	-0.42	0.02	0.16
72S	1.31	1.58	1.59	1.42	1.21	1.01	0.86	0.76	0.65	0.53	0.37	0.21	0.10	0.07	0.19	0.43	0.61	0.52
76S	2.02	2.35	2.52	2.57	2.59	2.60	2.59	2.54	2.39	2.13	1.81	1.49	1.24	1.05	0.90	0.83	0.60	0.60
80S	2.68	2.96	3.16	3.29	3.36	3.40	3.42	3.35	3.18	2.90	2.55	2.21	1.91	1.62	1.35	1.14	0.92	0.62
84S	3.17	3.34	3.47	3.56	3.58	3.56	3.53	3.45	3.27	3.01	2.71	2.42	2.14	1.82	1.49	1.21	0.92	0.60
88S	3.46	3.51	3.52	3.50	3.44	3.33	3.23	3.10	2.89	2.66	2.41	2.16	1.90	1.60	1.28	0.99	0.70	0.39



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